

### INTRODUCTION:

Adam Tech 0.8mm and 1.00mm Pin Header and Female Header series is a fine pitch, low profile, dual row, PCB mounted connector set intended for limited space applications or where total weight is a factor. Our specially tooled insulators and contacts maintain consistent high quality through our automated production processes. Each series is available in thru-hole PCB or SMT mounting and plated tin, gold or selective gold as specified.

### FEATURES:

0.8mm and 1.0mm versions  
Pin Header and Female Header set  
Lightweight and Compact  
Hi Temp Insulators

### MATING OPTIONS:

Mates with all industry standard 0.8mm & 1.0mm pitch headers and female headers

### SPECIFICATIONS:

#### Material:

Standard Hi-Temp insulator: Nylon 6T, rated UL94V-0  
Insulator Color: Black  
Contacts: Phosphor Bronze

#### Plating:

U = Gold flash (30u" optional) over nickel underplate  
SG = Gold flash (30u" optional) over nickel underplate on contact area, tin over copper underplate on tails.  
T = Tin over copper underplate overall.

#### Electrical:

Operating voltage: 250V AC max.  
Current rating: 1 Amp max  
Contact resistance: 20 mΩ max. initial  
Insulation resistance: 5000 MΩ min.  
Dielectric withstanding voltage: 1000V AC for 1 minute

#### Mechanical:

Mating durability: 500 cycles min.

#### Temperature Ratings:

Operating temperature: -40°C to +105°C  
Max process temp: 230°C for 30 ~ 60 seconds  
(260°C for 10 seconds)  
Soldering process temperature: 260°C

### PACKAGING:

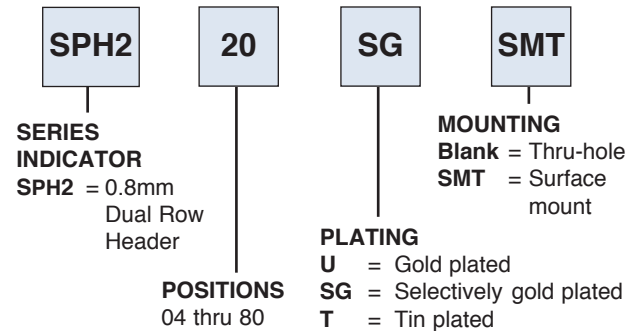
Anti-ESD plastic bags or tubes

### APPROVALS AND CERTIFICATIONS:

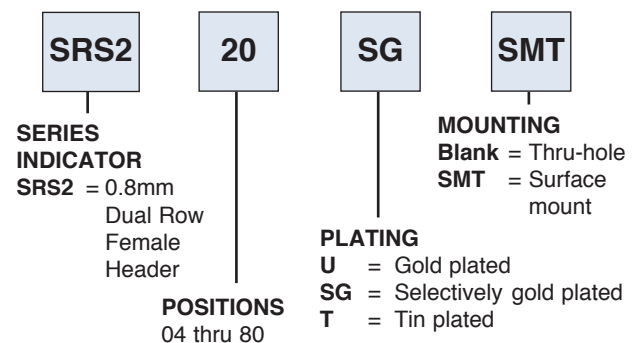
UL Recognized & CSA Certified, File no. E224053



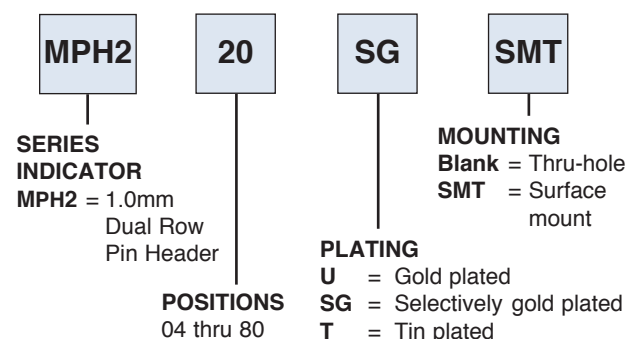
### 0.8mm MALE ORDERING INFORMATION



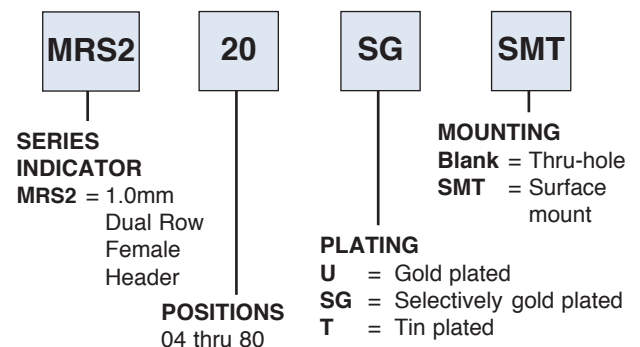
### 0.8mm FEMALE ORDERING INFORMATION



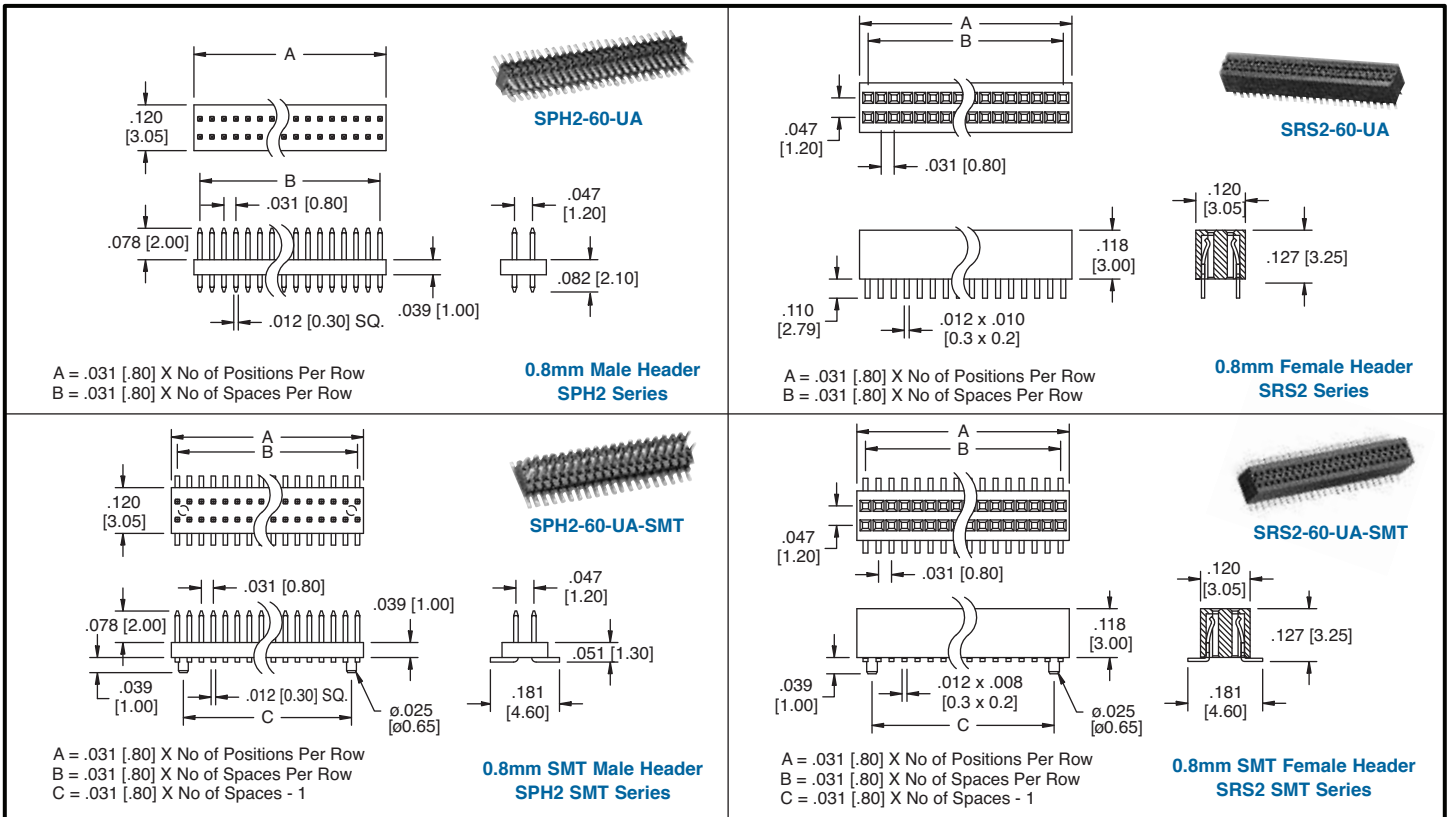
### 1.0mm MALE ORDERING INFORMATION



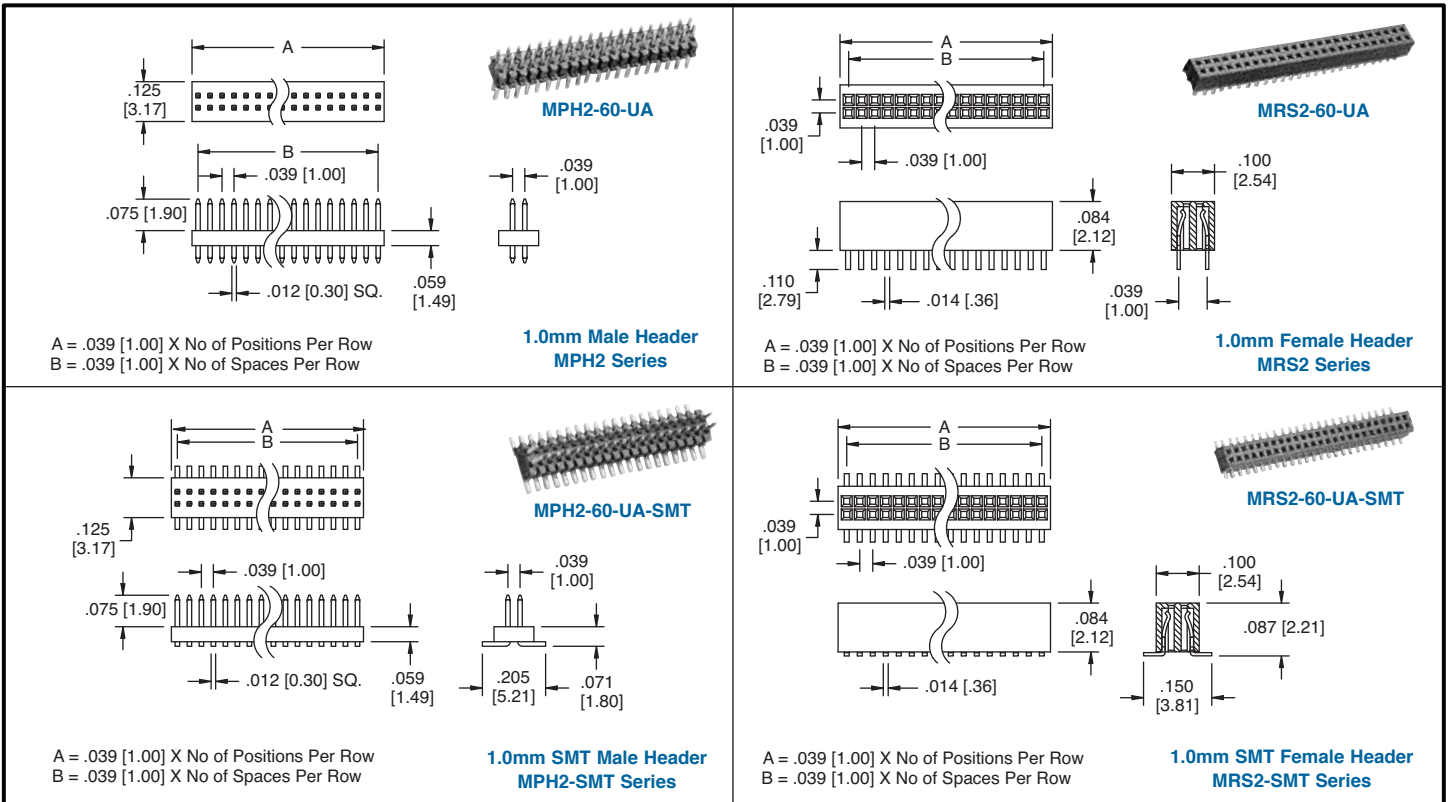
### 1.0mm FEMALE ORDERING INFORMATION



### 0.8mm SUB-MICRO HEADERS



### 1.0mm MICRO HEADERS



**INTRODUCTION:**

Adam Tech HRS Series .050" Receptacle Strips are offered in a multitude of sizes and profiles designed to satisfy most .050" socket requirements. Available in Single and Dual rows they are offered in Straight, Right Angle, SMT, Bottom Entry and Pass Through PCB mounting styles. Each type has a specially designed contact system which produces a high normal force connection and is available with gold, tin or selective gold plating. All are available with standard or Hi-Temp thermoplastic insulators. Our SMT offering is available with optional pick and place pads and tape & reel packaging.

**FEATURES:**

- Broad range of sizes and profiles
- Contact systems with high normal force
- Choice of contact plating
- SMT pick & place option
- Optional Tape & reel packaging

**MATING CONNECTORS:**

Adam Tech HPH headers and all industry standard .050" pitch pin headers with .016" [0.4mm] square pins

**SPECIFICATIONS:**

**Material:**

Insulator: Hi-Temp insulator: Nylon 6T, rated UL94V-0  
 Insulator Color: Black  
 Contacts: Phosphor Bronze

**Contact Plating:**

G = Gold flash (30u" optional) over nickel underplate overall  
 SG = Gold flash (30u" optional) over nickel underplate on contact area, tin over copper underplate on tails.  
 T = Tin over copper underplate overall

**Electrical:**

Operating voltage: 250V AC max.  
 Current rating: 1 Amp max.  
 Contact resistance: 20 mΩ max. initial  
 Insulation resistance: 5000 MΩ min.  
 Dielectric withstanding voltage: 1000V AC for 1 minute

**Mechanical:**

Insertion force: 0.375 lbs per contact max.  
 Withdrawal force: 0.125 lbs per contact min.

**Temperature rating:**

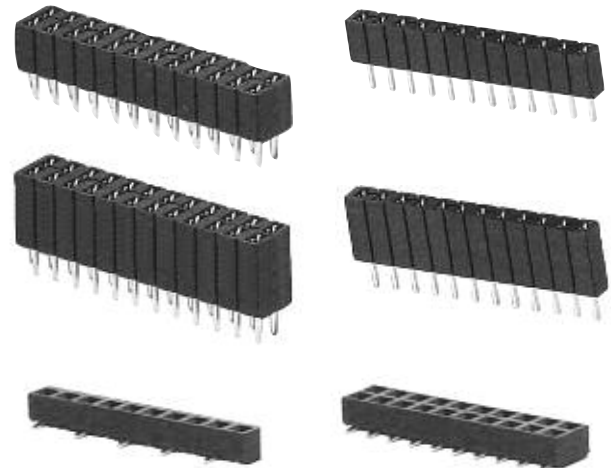
Operating temperature: -40°C to +105°C

**PACKAGING:**

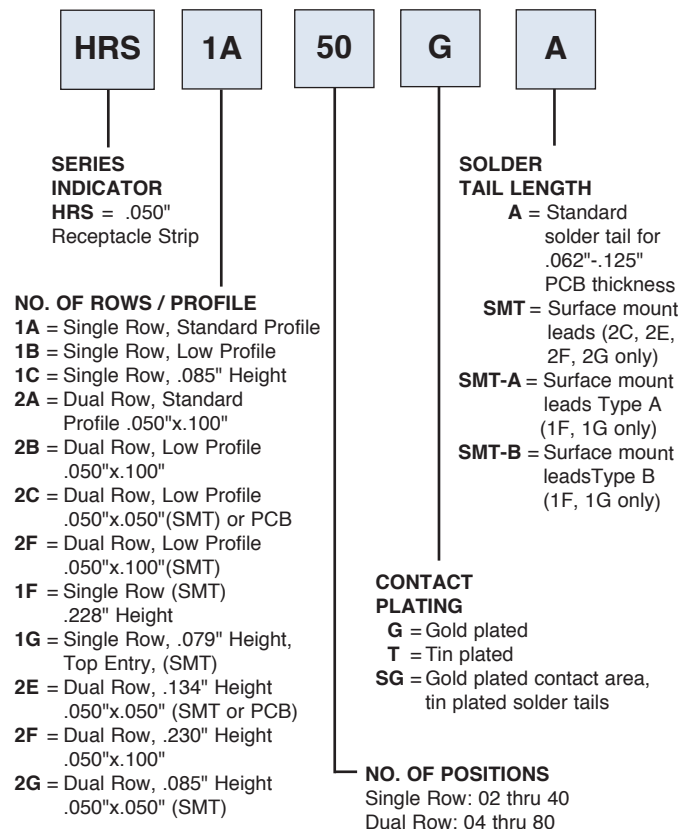
Anti-ESD trays or tubes  
 (Tape and Reel optional for SMT option)

**SAFETY AGENCY APPROVALS:**

UL Recognized & CSA Certified, File no. E224053

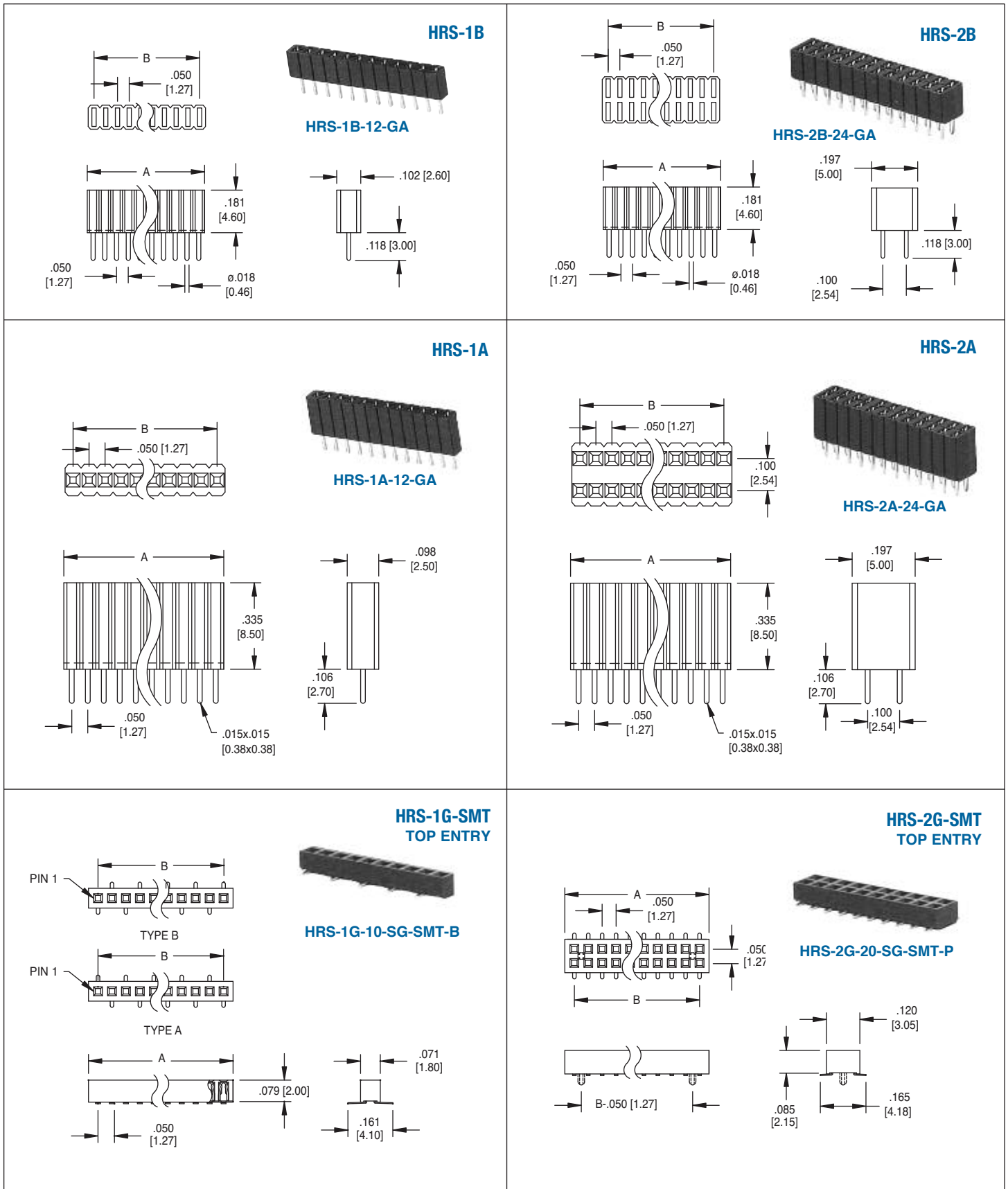


**ORDERING INFORMATION**

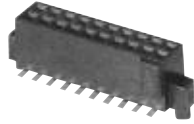


**OPTIONS:**

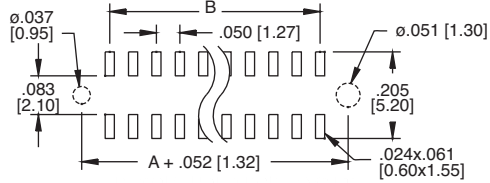
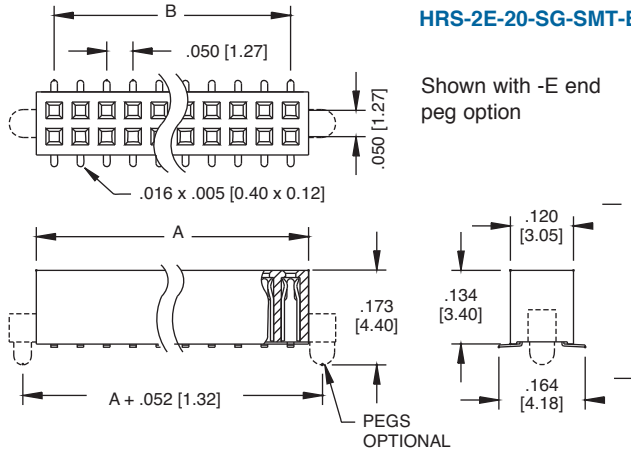
- Add designator(s) to end of part number
  - 30 = 30 μin gold plating in contact area
  - P = Guide Pegs
  - E = End Pegs
  - HT = Hi-Temp insulator for Hi-Temp soldering processes up to 260°C (Add this option for thru-hole products only.)
- All SMT products are manufactured with Hi-Temp insulators)



**HRS-2E SMT  
W/ OPTIONAL PEG**



**HRS-2E-20-SG-SMT-E**



**Recommended PCB Layout**

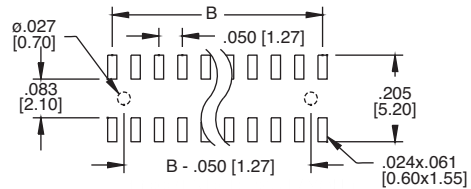
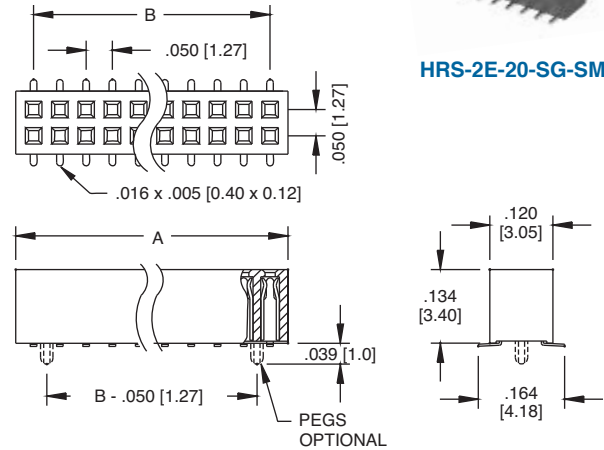
A = .050 [1.27] X No. of Positions per row + .018 [0.46]  
B = .050 [1.27] X No. of Spaces

**HRS-2E SMT**

Ordering Information pg. 276



**HRS-2E-20-SG-SMT**



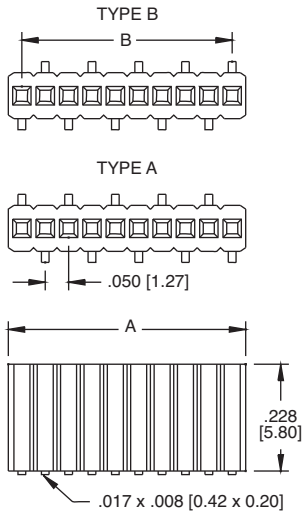
**Recommended PCB Layout**

A = .050 [1.27] X No. of Positions per row + .018 [0.46]  
B = .050 [1.27] X No. of Spaces

**HRS-1F-SMT**



**HRS-1F-12-SG-SMT-B**

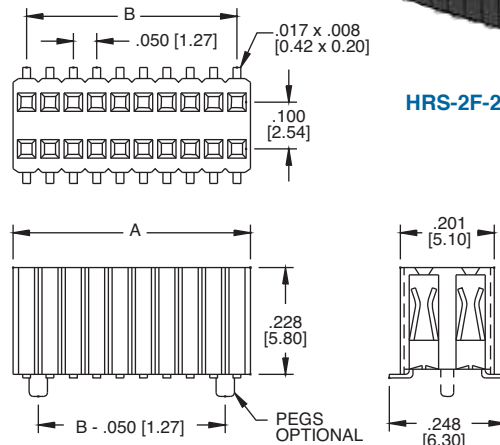


A = .050 [1.27] X No. of Positions + .008 [0.20]  
B = .050 [1.27] X No. of Spaces

**HRS-2F-SMT**



**HRS-2F-24-SG-SMT**



A = .050 [1.27] X No. of Positions per row + .008 [0.20]  
B = .050 [1.27] X No. of Spaces

<p><b>HRS-1C</b> SINGLE ROW</p> <p><b>HRS-1C-13-GA</b></p> <p>A = .050 [1.27] X No. of Pos. + .018 [0.46] B = .050 [1.27] X No. of Spaces</p> <p>.085 [2.15] .071 [1.80] .061 [1.55] .0165 x .004 [0.40 x 0.10]</p>	<p><b>HRS-2C</b> DUAL ROW</p> <p>Ordering Information pg. 276</p> <p><b>HRS-2C-26-GA</b></p> <p>A = .050 [1.27] X No. of Pos. + .018 [0.46] B = .050 [1.27] X No. of Spaces</p> <p>.050 [1.27] .085 [2.15] .120 [3.05] .061 [1.55] .0165 x .004 [0.40 x 0.10]</p>
<p><b>HRS-2C-SMT</b> DUAL ROW WITH END PEGS</p> <p><b>HRS-2C-20-SG-SMT-E</b></p> <p>A = .050 [1.27] X No. of Pos. + .018 [0.46] B = .050 [1.27] X No. of Spaces</p> <p>.050 [1.27] .090 [2.30] .120 [3.05] .085 [2.15] .164 [4.18]</p> <p>PEGS OPTIONAL</p>	<p><b>HRS-2C-SMT</b> DUAL ROW WITH UNDERSIDE PEGS</p> <p><b>HRS-2C-20-SG-SMT</b></p> <p>A = .050 [1.27] X No. of Pos. + .018 [0.46] B = .050 [1.27] X No. of Spaces</p> <p>.050 [1.27] .090 [2.30] .120 [3.05] .085 [2.15] .164 [4.18]</p> <p>PEGS OPTIONAL</p>
<p><b>HRS-2E</b> DUAL ROW</p> <p><b>HRS-2E-20-GA</b></p> <p>A = .050 [1.27] X No. of Pos. + .018 [0.46] B = .050 [1.27] X No. of Spaces</p> <p>.050 [1.27] .133 [3.40] .120 [3.05] .094 [2.40] .0165 x .004 [0.40 x 0.12]</p>	<p><b>HRS-1C PCB LAYOUT</b></p> <p><b>HRS-2C &amp; 2E PCB LAYOUT</b></p> <p><b>HRS-2C SMT PCB LAYOUT</b></p> <p><b>HRS-2C SMT PCB LAYOUT</b></p> <p>0.027 [0.70] 0.037 [0.95] 0.051 [1.30] 0.185 [4.70] B = .050 [1.27] A + .052 [1.32] END PEG OPTION B - .050 [1.27] BOTTOM PEG OPTION .020 x .051 [0.50 x 1.30]</p>

### INTRODUCTION:

Adam Tech 2RS Series 2.00mm Receptacle Strips are offered in several sizes and profiles designed to satisfy most 2.00mm socket requirements. Available in Single and Dual rows, they are offered in Straight, Right Angle, SMT, Bottom Entry and Pass Through PCB mounting styles. Each type has a specially designed contact system which uses a wiping mating action and produces a high normal force connection with gold, tin or selective gold plating. All are available with Standard or Hi-Temp Thermoplastic insulators. Our SMT offering is available with optional pick and place pads and tape & reel packaging.

### FEATURES:

Single and dual row in straight, right angle and SMT mounting forms  
Top, side and bottom entry versions  
Plated full gold, full tin or duplex plated  
Five different body heights  
Standard PBT insulator or optional Hi Temp insulator  
Tape and reel packaging available

### MATING CONNECTORS:

Adam Tech 2PH headers and all industry standard 2.0mm pin headers with a .020" [0.5mm] square pin.

### SPECIFICATIONS:

#### Material:

Insulator: PBT, glass reinforced, rated UL94V-0  
Optional Hi-Temp insulator: Nylon 6T, rated UL94V-0  
Insulator Color: Black  
Contacts: Phosphor Bronze

#### Contact Plating:

G = Gold flash (30u" optional) over nickel underplate overall  
SG = Gold flash (30u" optional) over nickel underplate on contact area, tin over copper underplate on tails.  
T = Tin over copper underplate overall

#### Electrical:

Operating voltage: 250V AC max.  
Current rating: 1 Amp max.  
Contact resistance: 20 mΩ max. initial  
Insulation resistance: 5000 MΩ min.  
Dielectric withstanding voltage: 1000V AC for 1 minute

#### Mechanical:

Insertion force: 0.313 lbs per contact max.  
Withdrawal force: 0.175 lbs per contact min.

#### Temperature Rating:

Operating temperature: -40°C to +105°C

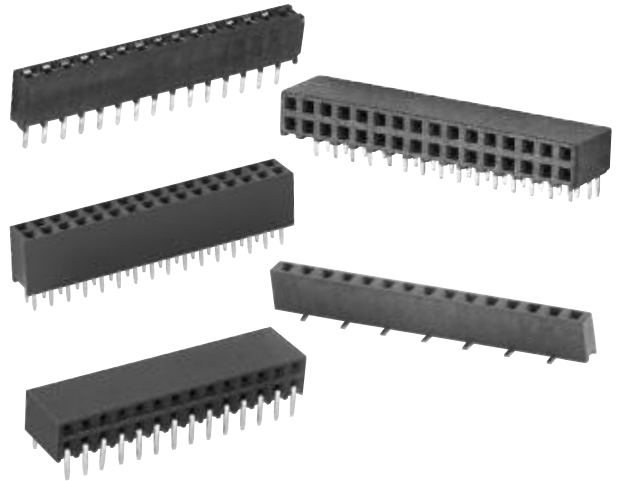
### PACKAGING:

Anti-ESD plastic trays  
(Tape and Reel optional for SMT option)

### SAFETY AGENCY APPROVALS:

UL Recognized & CSA Certified,  
File no. E224053

HI-TEMP  
INSULATOR  
AVAILABLE



### ORDERING INFORMATION

2RS1

40

G

#### SERIES INDICATOR

2RS1= 2.00mm Single Row, Vertical Mount, Receptacle  
2RS2= 2.00mm Dual Row, Vertical Mount, Receptacle  
2RS1R= 2.00mm Single Row, Right Angle, Receptacle  
2RS2R= 2.00mm Dual Row, Right Angle, Receptacle  
2RS4= 2.00mm 4 Row, Vertical Mount, Receptacle  
2RS2BR= 2.00mm Dual Row, Right Angle, 3-Sided Contact Receptacle  
2RS1H= 2.00mm Single Row, Vertical Mount, .248" Height Receptacle  
2RS2H= 2.00mm Dual Row, Vertical Mount, .248" Height Receptacle  
2RS2T= 2.00 mm Dual Row, Surface Mount, .106" Height, Top Entry Receptacle  
2RS2B= 2.00mm Dual Row, Surface Mount, .106" Height, Bottom Entry Receptacle

#### PLATING

G = Gold plated  
SG = Gold plated contact area, tin plated solder tails  
T = Tin plated

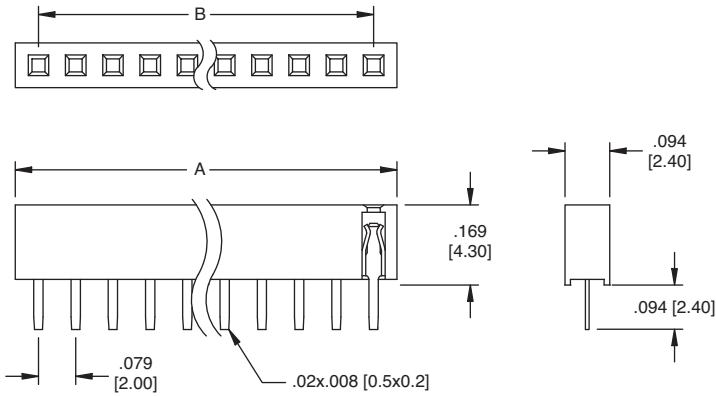
#### POSITIONS

Single Row: 2 thru 40  
Dual Row: 4 thru 80  
Four Row: 8 thru 120

#### OPTIONS:

Add designator(s) to end of part number  
30 = 30 μin gold plating in contact area  
SMT = SMT leads with Hi-Temp insulator dual row  
SMT-A = SMT Single Row Type A with Hi-Temp insulator  
SMT-B = SMT Single Row Type B with Hi-Temp insulator  
P = Optional guide peg on SMT version  
PP = Pick and place pad  
HT = Hi-Temp insulator for Hi-Temp soldering processes up to 260°C (Add this option for thru-hole products only.  
All SMT products are manufactured with Hi-Temp insulators)

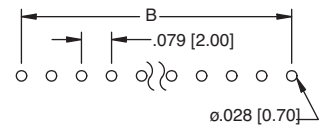
### 2RS1



A =  $.079$  [2.00] X No. of Positions  
 B =  $.079$  [2.00] X No. of Spaces

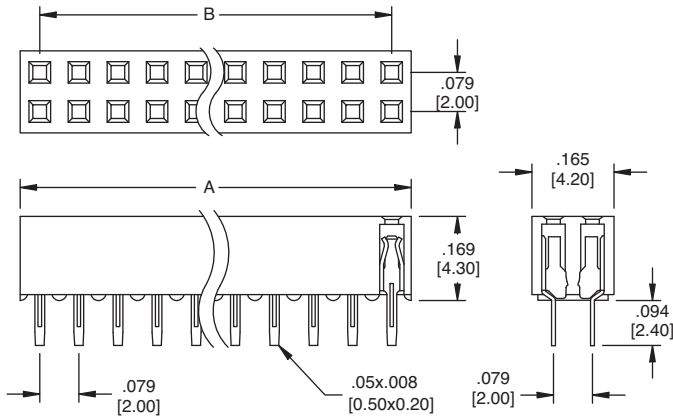


2RS1-15-G

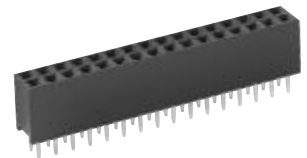


Recommended PCB Layout

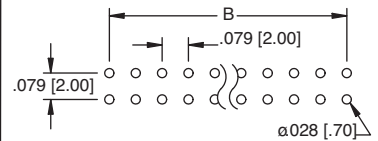
### 2RS2



A =  $.079$  [2.00] X No. of Positions per row  
 B =  $.079$  [2.00] X No. of Spaces

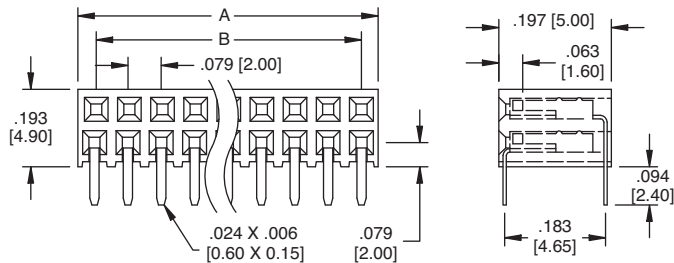


2RS2-32-G

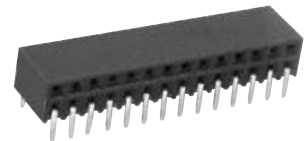


Recommended PCB Layout

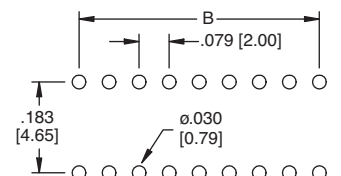
### 2RS2BR



A =  $.079$  [2.00] X No. of Positions per row +  $.008$  [0.20]  
 B =  $.079$  [2.00] X No. of Spaces



2RS2BR-28-G

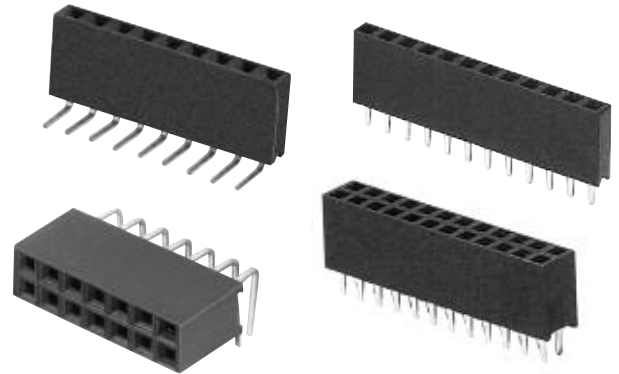


Recommended PCB Layout



<p>A = .079 [2.00] X No. of Positions B = .079 [2.00] x No of Spaces</p>	<p><b>2RS1R</b> <b>2RS1R-14-G</b></p>	<p><b>Recommended PCB Layout</b></p>
<p>A = .079 [2.00] X No. of Positions Per Row B = .079 [2.00] x No of Spaces</p>	<p><b>2RS2R</b> <b>2RS2R-32-G</b></p>	<p><b>Recommended PCB Layout</b></p>
<p>TYPE A</p> <p>A = .079 [2.00] X No. of Positions B = .079 [2.00] x No of Spaces</p>	<p><b>2RS1-SMT</b> <b>2RS1-15-SG-SMT-A</b></p>	<p><b>Recommended PCB Layout</b></p>
<p>A = .079 [2.00] X No. of Positions Per Row B = .079 [2.00] x No of Spaces</p> <p>Optional Guide Peg</p>	<p><b>2RS2-SMT</b> <b>2RS2-32-SG-SMT</b></p>	<p><b>Recommended PCB Layout</b></p>

	<p>A = .079 [2.00] X No. of Positions B = .079 [2.00] x No of Spaces</p>	<p><b>2RS1H</b></p> <p><b>2RS1H-16-G</b></p> <p><b>Recommended PCB Layout</b></p>
	<p>A = .079 [2.00] X No. of Positions Per Row B = .079 [2.00] x No of Spaces</p>	<p><b>2RS2H</b></p> <p><b>2RS2H-32-G</b></p> <p><b>Recommended PCB Layout</b></p>
	<p>A = .079 [2.00] X No. of Positions Per Row B = .079 [2.00] x No of Spaces</p>	<p><b>2RS2T-SMT TOP ENTRY SOCKET</b></p> <p><b>2RS2T-20-SG-SMT</b></p> <p><b>Recommended PCB Layout</b></p>
	<p>A = .079 [2.00] X No. of Positions Per Row B = .079 [2.00] x No of Spaces</p>	<p><b>2RS2B-SMT BOTTOM ENTRY SOCKET</b></p> <p><b>2RS2B-20-SG-SMT</b></p> <p><b>Recommended PCB Layout</b></p>



### INTRODUCTION:

Adam Tech RS Series .100" pitch Receptacle Strips are a series of sockets offered in a multitude of sizes and profiles designed to satisfy most .100" pitch socket requirements. Available in Single, Dual and Triple row, they are offered in Straight, Right Angle, SMT, Bottom Entry and Pass Through PCB mounting styles. Each type has a specially designed contact system which uses a wiping mating action and produces a high normal force connection with gold, tin or selective gold plating. All are available with Standard or Hi-Temp Thermoplastic insulators. Our SMT offering is available with optional pick and place pads and tape & reel packaging.

### FEATURES:

- Broad range of sizes and profiles
- Contact systems with high normal force
- Choice of contact plating
- SMT pick & place option
- Optional Tape & reel packaging

### MATING CONNECTORS:

Adam Tech PH series .100" pitch pin headers and all industry standard pin headers with a .025" (0.64mm) square pin.

### SPECIFICATIONS:

#### Material:

Insulator: PBT, glass reinforced, rated UL94V-0  
Optional Hi-Temp insulator: Nylon 6T, rated UL94V-0  
Insulator Color: Black  
Contacts: Phosphor Bronze

#### Contact Plating:

G = Gold flash (30u" optional) over nickel underplate overall  
SG = Gold flash (30u" optional) over nickel underplate on contact area, tin over copper underplate on tails.  
T = Tin over copper underplate overall

#### Electrical:

Operating voltage: 250V AC max.  
Current rating: 3 Amps max.  
Contact resistance: 20 mΩ max. initial  
Insulation resistance: 5000 MΩ min.  
Dielectric withstanding voltage: 1000V AC for 1 minute

#### Mechanical:

Insertion force: 0.375 lbs per contact max.  
Withdrawal force: 0.125 lbs per contact min.

#### Temperature Rating:

Operating temperature: -40°C to +105°C

### PACKAGING:

Anti-ESD plastic trays  
(Tape and Reel optional for SMT option)

### SAFETY AGENCY APPROVALS:

UL Recognized & CSA Certified,  
File no. E224053



### ORDERING INFORMATION

RS1

12

G

#### SERIES INDICATOR

- RS1 = Single row vertical mount receptacle
- RS1R = Single row right angle mount receptacle
- RS2 = Dual row vertical mount receptacle
- RS2R = Dual row right angle mount receptacle
- RSB = Dual row straight PCB mount with polarization bump and keyed corner contacts
- RSBR = Dual row right angle PCB mount with polarization bump and keyed corner contacts
- RSE1 = Single row elevated receptacle
- RSE2 = Dual row elevated receptacle
- RSM1 = Single row surface mount
- RSM2 = Dual row surface mount

#### PLATING

- G = Gold plated
- T = Tin plated
- SG = Gold plating in contact area, Tin Plated solder tails

#### POSITIONS

- Single row: 1 thru 40
- Dual row: 2 thru 80

### OPTIONS:

- Add designator(s) to end of part number
- SMT = SMT Dual row with Hi-Temp insulator
- SMT-A = SMT Single Row Type A with Hi-Temp insulator
- SMT-B = SMT Single Row Type B with Hi-Temp insulator
- 30 = 30 μin gold plating in contact area
- P = Optional guide peg on SMT version
- HT = Hi-Temp insulator for Hi-Temp soldering processes up to 260°C (Add this option for thru-hole products only. All SMT products are manufactured with Hi-Temp insulators)

### RECEPTACLE STRIPS FOUR SIDED CONTACT PAGE 309, 310 & 314

**RS1B**      **26**      **G**

**SERIES INDICATOR**

**RS1B** = Single row, vertical mount 4-sided contact receptacle strip  
**RS2B** = Dual row, vertical mount 4-sided contact receptacle strip  
**RS1BR** = Single row, right angle mount, 3-sided contact receptacle strip  
**RS2BR** = Dual row, right angle mount, 3-sided contact receptacle strip

**PLATING**

**G** = Gold plated  
**T** = Tin plated  
**SG** = Gold plated contact area, tin plated solder tails

**POSITIONS**

**Single row:** 2 thru 40  
**Dual row:** 4 thru 80

### RECEPTACLE STRIPS LOW PROFILE PAGE 313

**RS1L**      **34**      **G**

**SERIES INDICATOR**

**RS1L** = Single row, .224" body height  
**RS2L** = Dual row, .224" body height

**PLATING**

**G** = Gold plated  
**T** = Tin plated

**POSITIONS**

**Single row:** 2 thru 80  
**Dual row:** 4 thru 80

### RECEPTACLE STRIPS BOTTOM, PASS THROUGH OR DUAL ENTRY PAGE 307, 315 & 316

**RS2BE**      **A**      **40**      **G**

**SERIES INDICATOR**

**RS1BE** = Single row, vertical mount, bottom, pass through or dual entry receptacle strip  
**RS2BE** = Dual row, vertical mount, bottom, pass through or dual entry receptacle strip  
**RS2BE-A** = Dual row, with single sided footprint, vertical mount, bottom, pass through or dual entry receptacle strip

**PLATING**

**G** = Gold plated

**POSITIONS**

**Single Row:** 2 thru 40  
**Dual Row:** 4 Thru 80

**SOLDER TAIL FOOTPRINT**

**A** = .100" x .150"  
**B** = .100" x .200"  
**C** = .100" x .300"  
**Blank** = Single row

### RECEPTACLE STRIPS VERY LOW PROFILE PAGE 308

**RSVL**      **2A**      **10**      **G**

**SERIES INDICATOR**

**RSVL** = Vertical Mount, very low profile receptacle strip

**PLATING**

**G** = Gold plated  
**T** = Tin plated

**PROFILE / NO. OF ROWS**

**1A** = Single row, .138" body height  
**1B** = Single row, .205" body height  
**2A** = Dual row, .138" body height  
**2B** = Dual row, .205" body height

**POSITIONS**

**Single Row:** 2 Thru 36  
**Dual Row:** 4 Thru 72

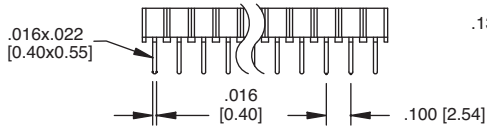
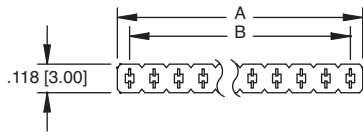
**OPTIONS:**

Add designator(s) to end of part number

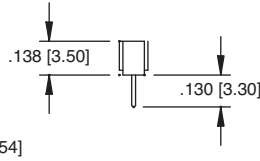
**A** = Type A PCB Layout

**B** = Type B PCB Layout

Ordering Information pg. 307

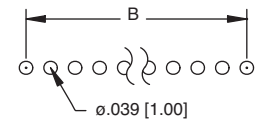


A = .100 [2.54] X No. of Positions  
B = .100 [2.54] X No. of Spaces

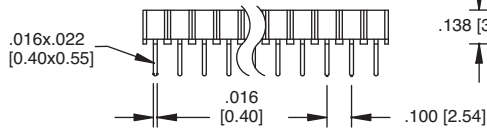
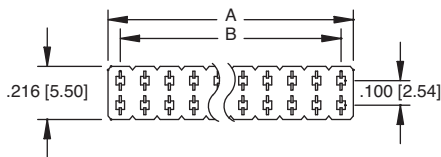


RSVL-1A-18-G

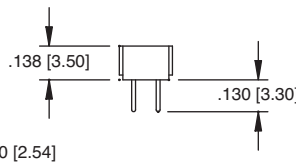
RSVL-1A



Recommended PCB Layout

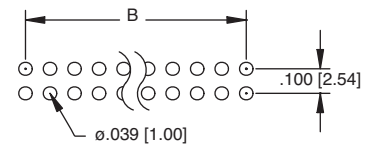


A = .100 [2.54] X No. of Positions Per Row  
B = .100 [2.54] X No. of Spaces

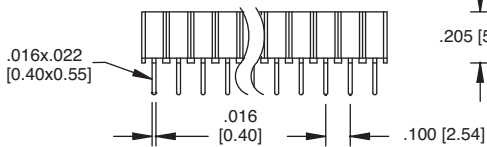
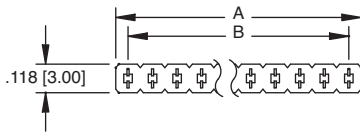


RSVL-2A-38-G

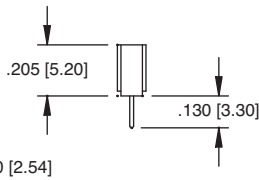
RSVL-2A



Recommended PCB Layout

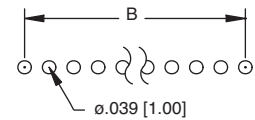


A = .100 [2.54] X No. of Positions  
B = .100 [2.54] X No. of Spaces

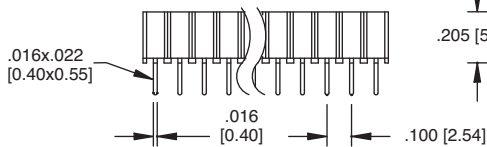
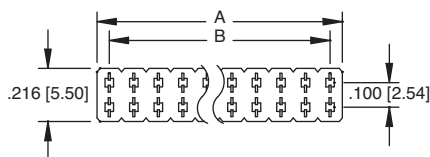


RSVL-1B-18-G

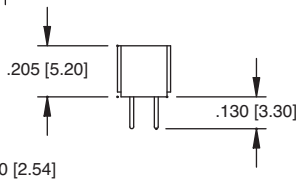
RSVL-1B



Recommended PCB Layout

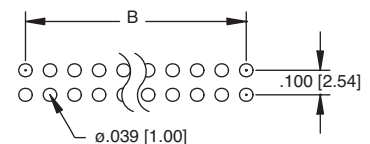


A = .100 [2.54] X No. of Positions Per Row  
B = .100 [2.54] X No. of Spaces



RSVL-2B-36-G

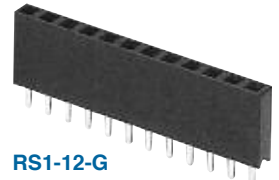
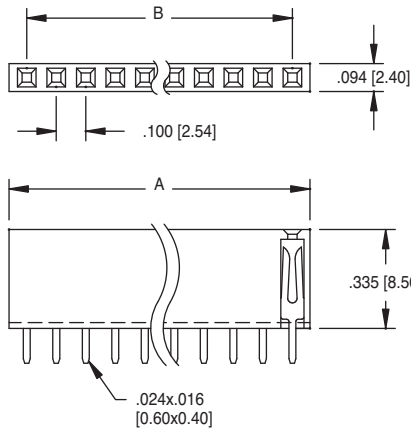
RSVL-2B



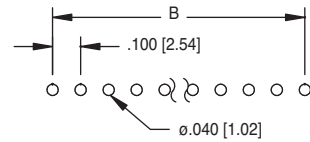
Recommended PCB Layout

Ordering Information pg. 306

RS1



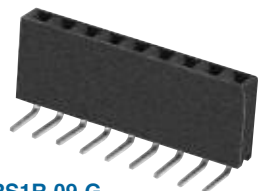
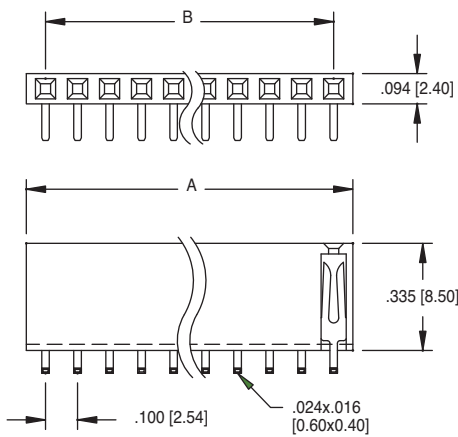
RS1-12-G



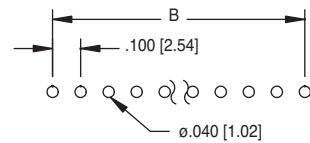
Recommended PCB Layout

A = .100 [2.54] X No. of Positions +.020 [0.50]  
B = .100 [2.54] X No. of Spaces

RS1R



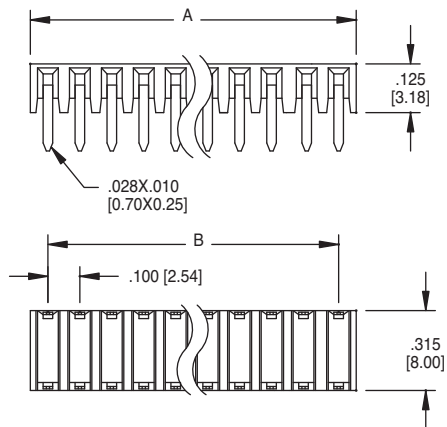
RS1R-09-G



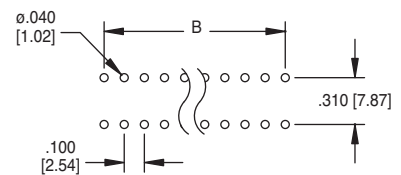
Recommended PCB Layout

A = .100 [2.54] X No. of Positions +.020 [0.50]  
B = .100 [2.54] X No. of Spaces

RS1BR



RS1BR-13-G

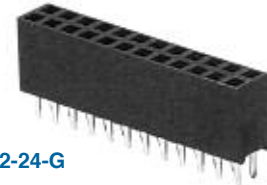
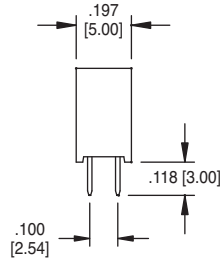
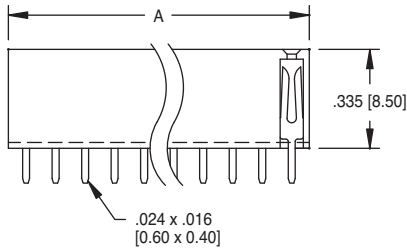
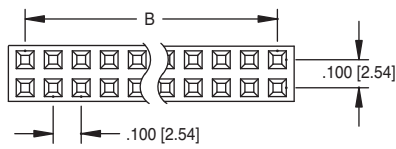


Recommended PCB Layout

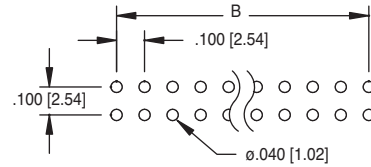
A = .100 [2.54] X No. of Positions  
B = .100 [2.54] X No. of Spaces

Ordering Information pg. 306

RS2



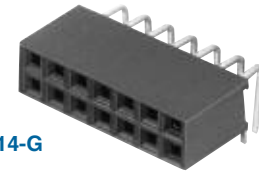
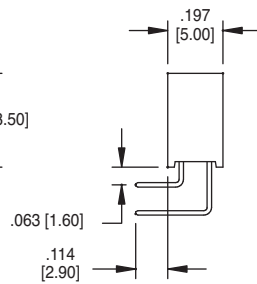
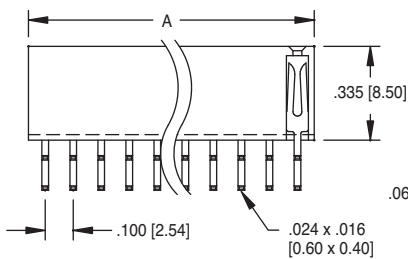
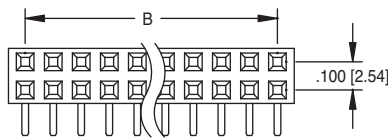
RS2-24-G



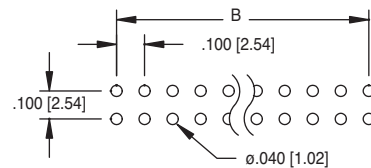
Recommended PCB Layout

A = .100 [2.54] x No. of Positions per row +.020 [0.50]  
B = .100 [2.54] x No. of Spaces

RS2R



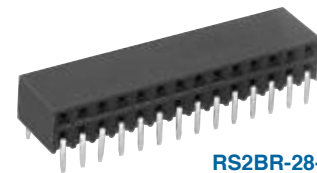
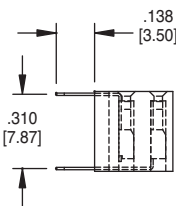
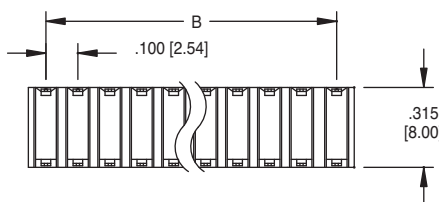
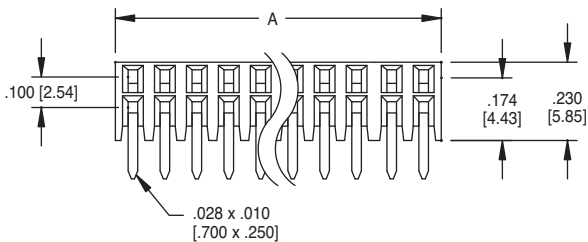
RS2R-14-G



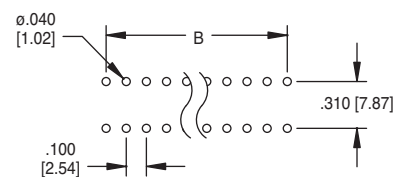
Recommended PCB Layout

A = .100 [2.54] x No. of Positions per row +.020 [0.50]  
B = .100 [2.54] x No. of Spaces

RS2BR



RS2BR-28-G

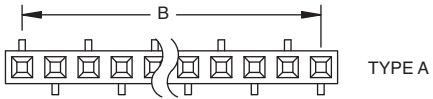
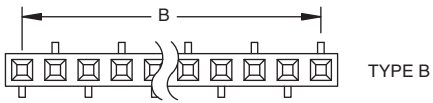


Recommended PCB Layout

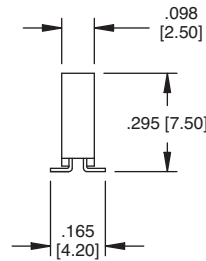
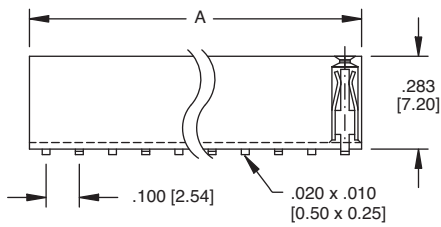
A = .100 [2.54] x No. of Positions per row  
B = .100 [2.54] x No. of Spaces

Ordering Information pg. 306

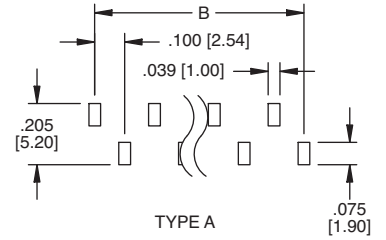
RSM1



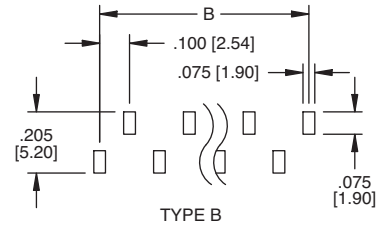
RSM1-10-SG-SMT-A



A = .100 [2.54] x No. of Positions  
B = .100 [2.54] x No. of Spaces

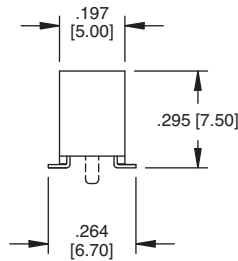
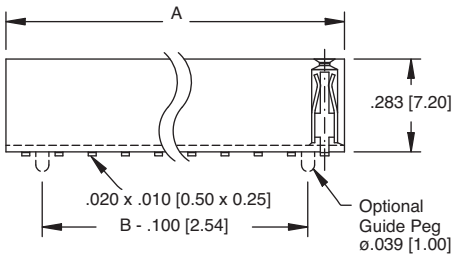
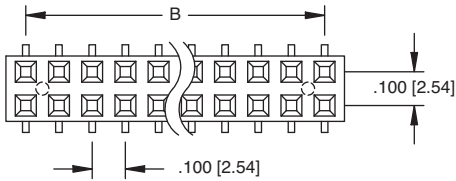


Recommended PCB Layout



Recommended PCB Layout

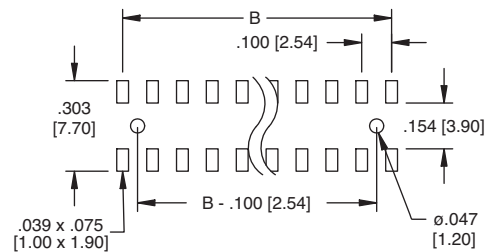
RSM2



A = .100 [2.54] x No. of Positions per row  
B = .100 [2.54] x No. of Spaces



RSM2-20-SG-SMT

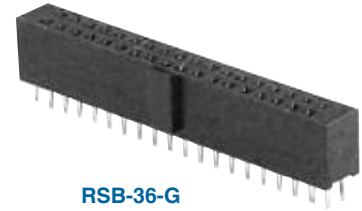
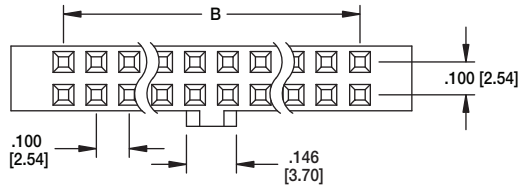


Recommended PCB Layout

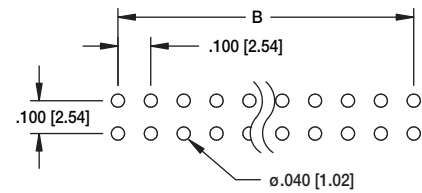
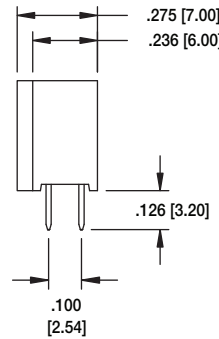
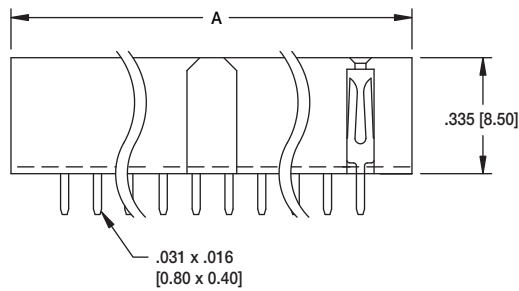


Ordering Information pg. 306

RSB



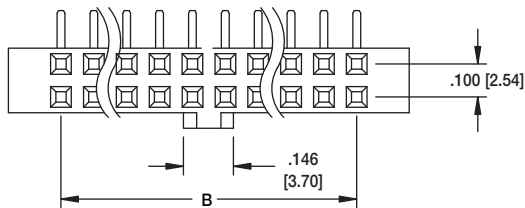
RSB-36-G



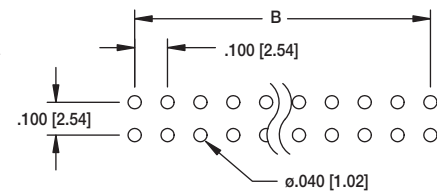
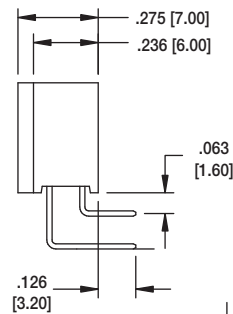
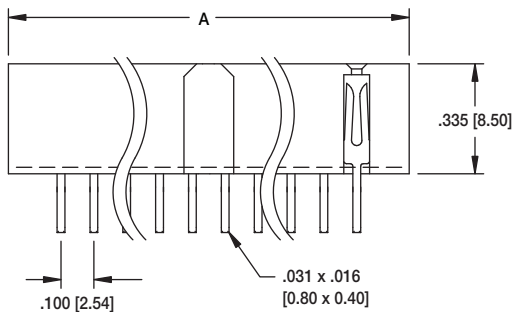
Recommended PCB Layout

A = .100 [2.54] X No. of Positions + .300 [7.62]  
 B = .100 [2.54] X No. of Spaces

RSBR



RSBR-36-G

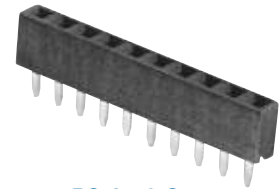
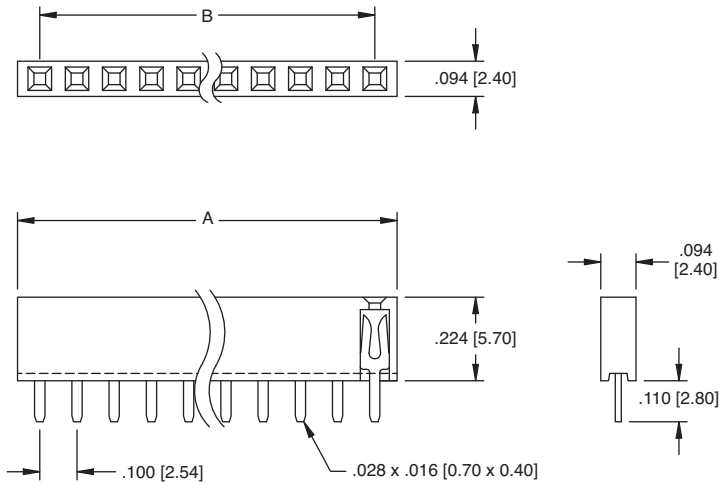


Recommended PCB Layout

A = .100 [2.54] x No. of Positions + .300 [7.62]  
 B = .100 [2.54] x No. of Spaces

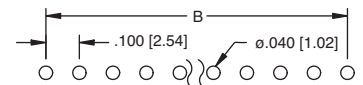
RS1L

Ordering Information pg. 307



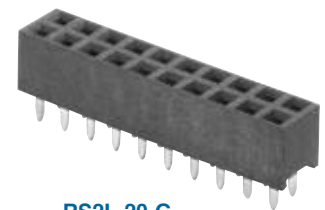
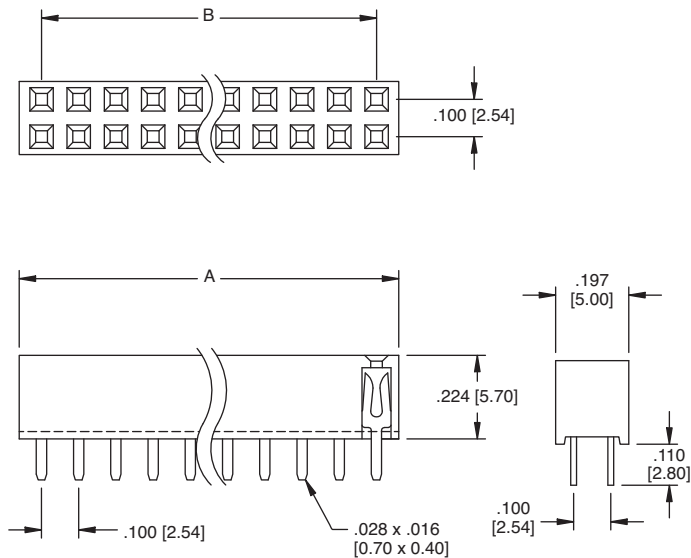
RS1L-10-G

A = .100 [2.54] x No. of Positions  
B = .100 [2.54] x No. of Spaces



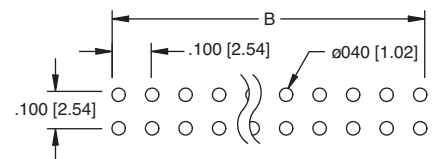
Recommended PCB Layout

RS2L



RS2L-20-G

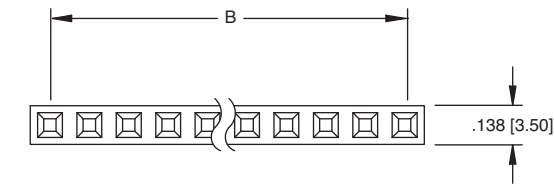
A = .100 [2.54] x No. of Positions per row  
B = .100 [2.54] x No. of Spaces



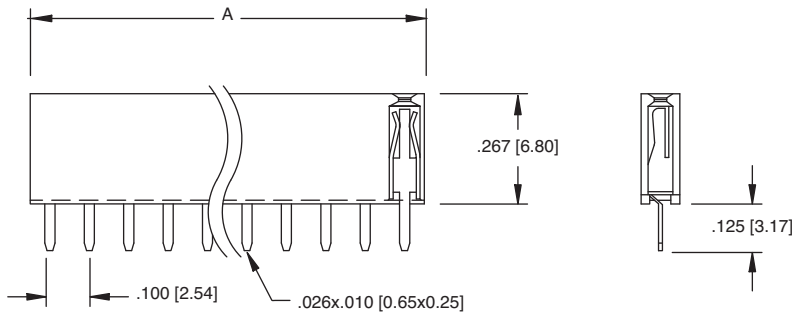
Recommended PCB Layout

Ordering Information pg. 307

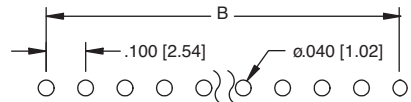
RS1B



RS1B-10-SG

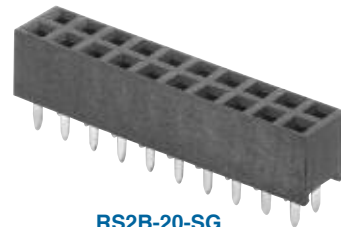
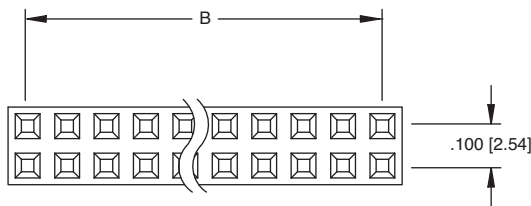


A = .100 [2.54] X No. of Positions  
B = .100 [2.54] X No. of Spaces

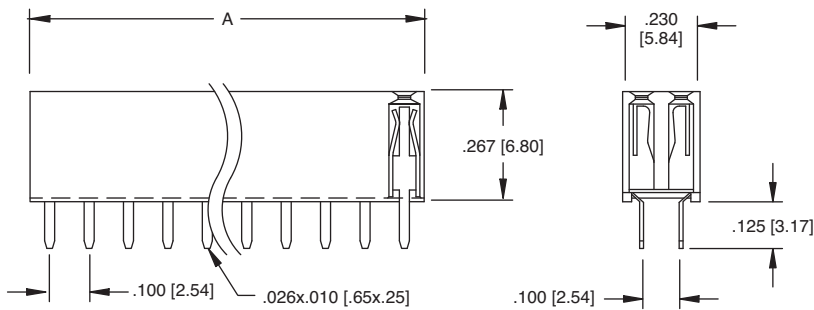


Recommended PCB Layout

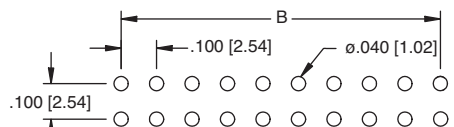
RS2B



RS2B-20-SG



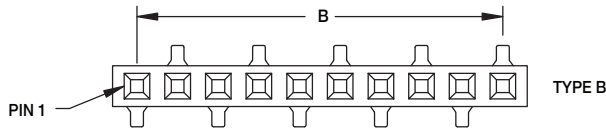
A = .100 [2.54] X No. of Positions per row  
B = .100 [2.54] X No. of Spaces



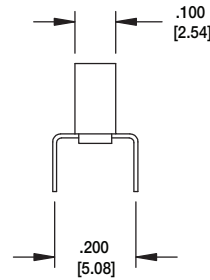
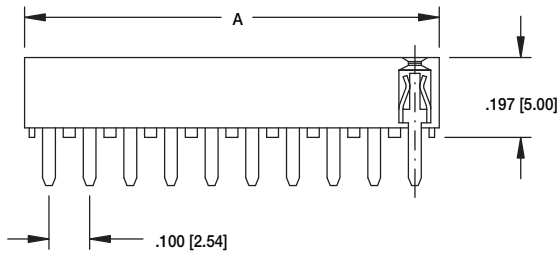
Recommended PCB Layout

Ordering Information pg. 307

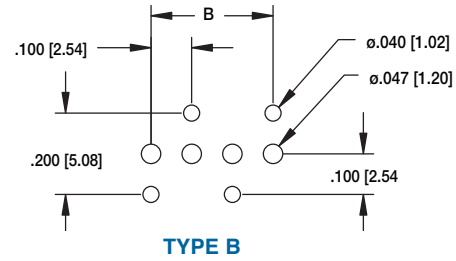
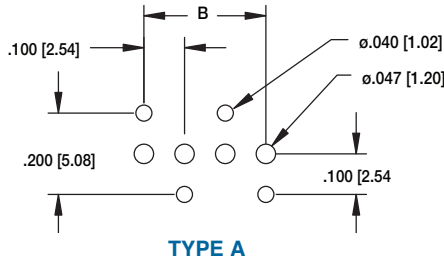
RS1BE-A/B



RS1BE-B-10-SG-A

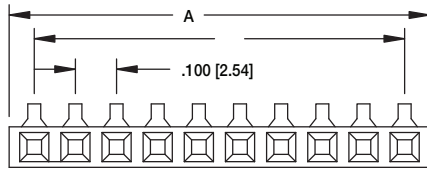


A = .100 [2.54] X No. of Positions  
B = .100 [2.54] X No. of Spaces



Recommended PCB Layouts

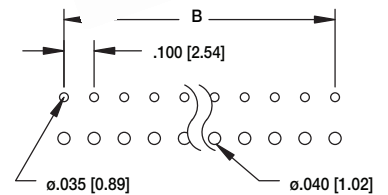
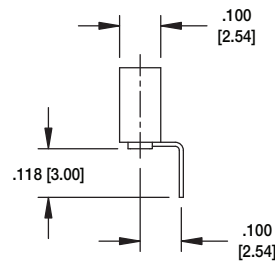
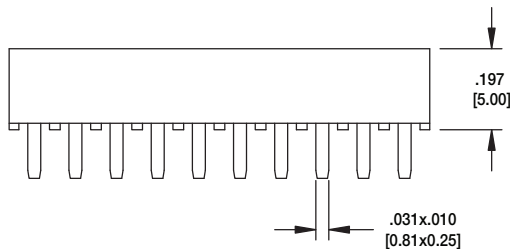
RS1BE



A = .100 [2.54] X No. of Positions  
B = .100 [2.54] X No. of Spaces



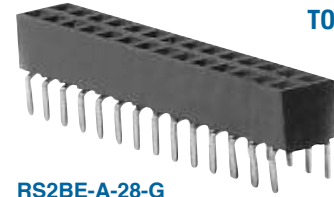
RS1BE-10-SG



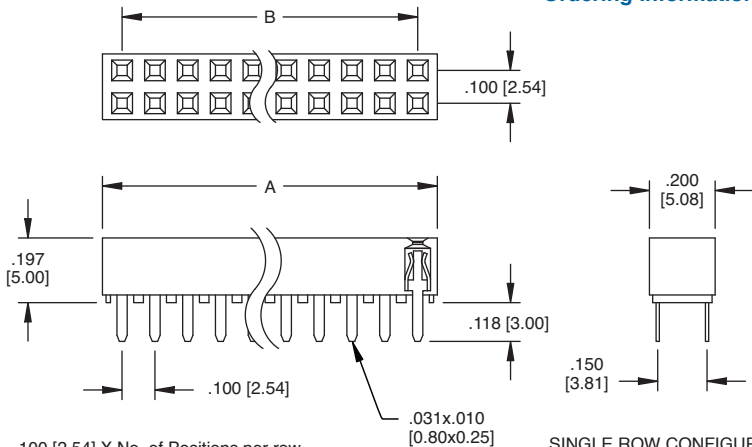
Recommended PCB Layout

Ordering Information pg. 307

**RS2BE-A  
TOP ENTRY**

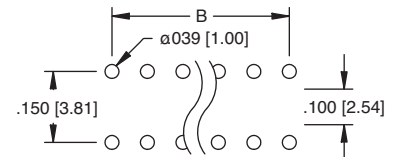


RS2BE-A-28-G



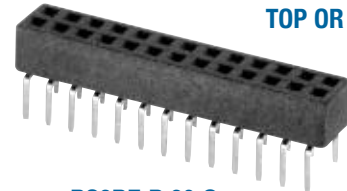
A = .100 [2.54] X No. of Positions per row  
B = .100 [2.54] X No. of Spaces

SINGLE ROW CONFIGURATION  
ALSO AVAILABLE

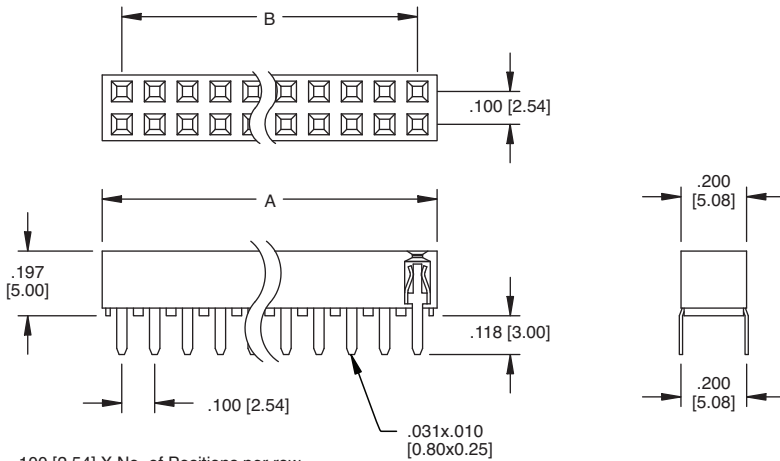


Recommended PCB Layout

**RS2BE-B  
TOP OR BOTTOM  
ENTRY**

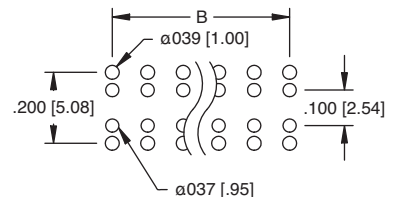


RS2BE-B-26-G



A = .100 [2.54] X No. of Positions per row  
B = .100 [2.54] X No. of Spaces

SINGLE ROW CONFIGURATION  
ALSO AVAILABLE

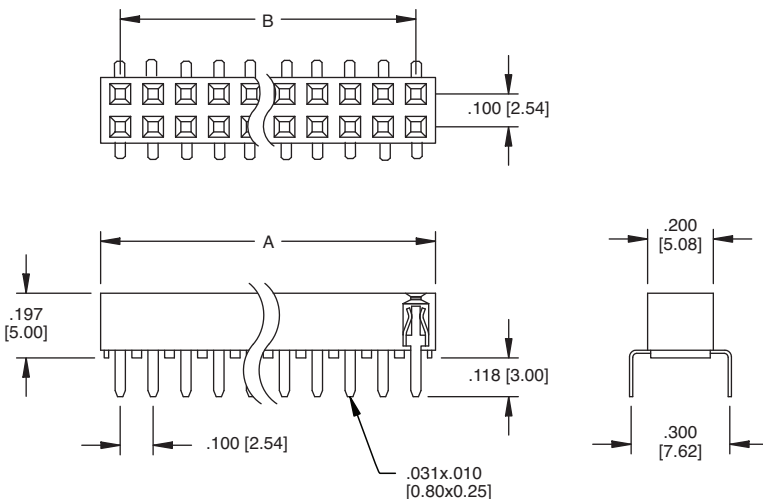


Recommended PCB Layout

**RS2BE-C  
TOP OR BOTTOM  
ENTRY**

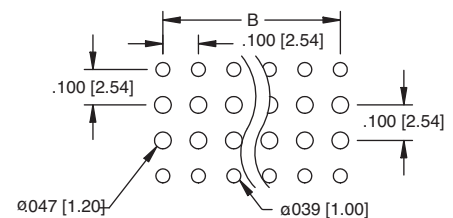


RS2BE-C-30-G



A = .100 [2.54] X No. of Positions per row  
B = .100 [2.54] X No. of Spaces

SINGLE ROW CONFIGURATION  
ALSO AVAILABLE



Recommended PCB Layout

$A = .100'' [2.54] \times \text{No. of positions}$   
 $B = .100'' [2.54] \times \text{No. of spaces}$

**RSE1**

**RSE1-3-20-SG-3**

**Recommended PCB Layout**

$A = .100'' [2.54] \times \text{No. of positions per row}$   
 $B = .100'' [2.54] \times \text{No. of spaces}$

**RSE2**

**RSE2-3-40-SG-3**

**Recommended PCB Layout**

### ORDERING INFORMATION

RSE1

2

20

SG

1

**SERIES INDICATOR**  
**RSE1** = Single row, vertical elevated socket strip  
**RSE2** = Dual row, vertical elevated socket strip

**POSITIONS**  
**Single Row**  
 01 thru 40  
**Dual Row**  
 02 thru 80

**HEIGHT**  
 1 = .433 [11.00]  
 2 = .531 [13.50]  
 3 = .630 [16.00]

**PIN LENGTH Dim. D**  
 See chart Dim.D

**PLATING**  
**SG** = Selective Gold  
 Plating in contact area,  
 Tin Plated tails  
**T** = Tin Plated

**1 Insulator**

**2 Insulators**

**3 Insulators**

PART NUMBER	INSULATORS	DIM. C	DIM. D
RSEX-1-XX-SG-1	1	.433 [11.00]	.118 [3.00]
RSEX-1-XX-SG-2	1	.433 [11.00]	.315 [8.00]
RSEX-1-XX-SG-3	1	.433 [11.00]	.448 [11.40]
RSEX-2-XX-SG-1	2	.531 [13.50]	.216 [5.50]
RSEX-3-XX-SG-1	3	.635 [16.12]	.118 [3.00]
RSEX-3-XX-SG-2	3	.635 [16.12]	.252 [6.40]

\*Replace "X" with "1" for single row or "2" for double row.  
 \*Replace "XX" with total number of positions.