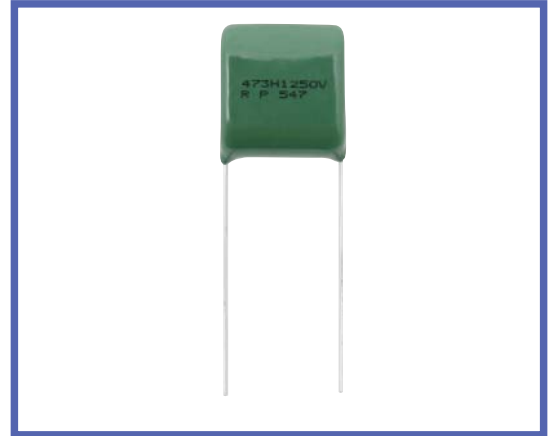


**MPE SERIES**

**◆ FEATURES**

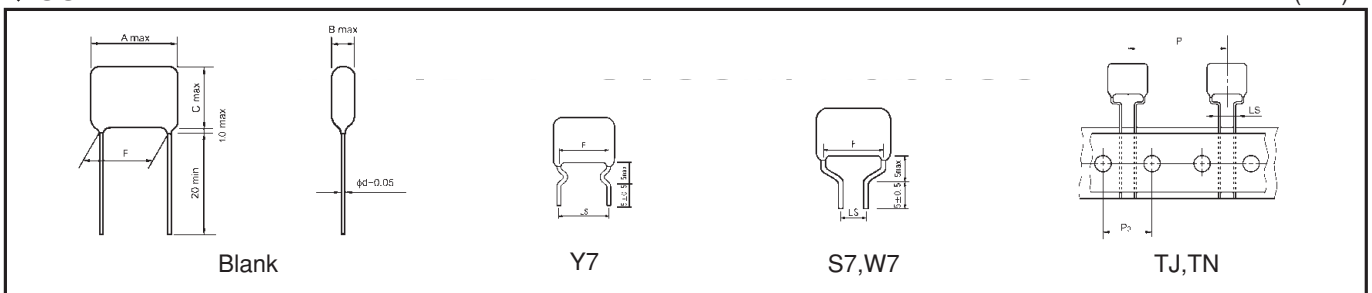
- Up the corona discharge characteristics by 3 section series construction.
- For applications where high frequency, high voltage are like electronic ballast, etc.
- Coated with flame-retardant (UL94 V-0) epoxy resin.
- RoHS compliance.



**◆ SPECIFICATIONS**

Category temperature	-40 ~ +105°C
Rated voltage (U <sub>R</sub> )	800VDC/250VAC, 1250VDC/400VAC, 1600VDC/700VAC
Capacitance tolerance	± 3%(H), ± 5%(J)
tanδ	0.001max at 1kHz
Voltage proof	U <sub>R</sub> x150% 60s
Insulation resistance	30,000MΩmin
Reference standard	JIS C 5101-17, JIS C 5101-1

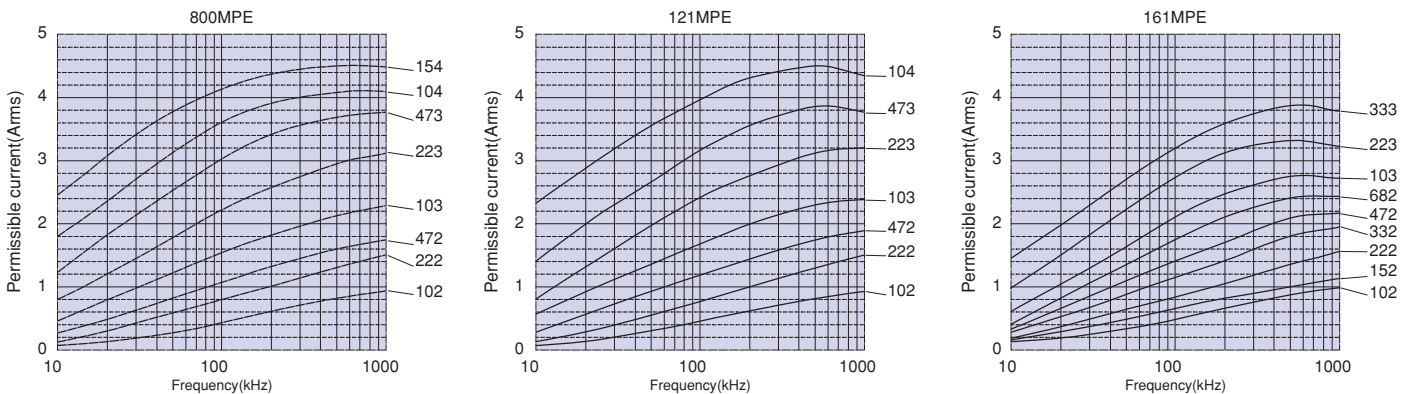
**◆ OUTLINE**



**◆ PART NUMBER**



**◆ PERMISSIBLE CURRENT FOR FREQUENCY**



**◆ STANDARD SIZE**

□ : Tolerance    \*\* : Suffix

RATED VOLTAGE	cap(μF)	Dimensions (mm)						Typical Packaging Quantity (pcs)								Part No.
								Long Lead type		Taping Ammo pack type - style						
		A	B	C	F±1.0	LS±0.5	d	Bag	Carton	TC	TX, TH	TL, TJ	TN	TS		
800VDC 250VAC	0.001	17.5	6.0	8.0	15.0	5.0/7.5/15.0	0.8	200	4,000	-	-	500	500	-	800MPE102□**	
	0.0011	17.5	6.0	8.0	15.0	5.0/7.5/15.0	0.8	200	4,000	-	-	500	500	-	800MPE112□**	
	0.0012	17.5	6.0	8.0	15.0	5.0/7.5/15.0	0.8	200	4,000	-	-	500	500	-	800MPE122□**	
	0.0013	17.5	6.0	9.0	15.0	5.0/7.5/15.0	0.8	200	4,000	-	-	500	500	-	800MPE132□**	
	0.0015	17.5	6.0	9.0	15.0	5.0/7.5/15.0	0.8	200	4,000	-	-	500	500	-	800MPE152□**	
	0.0016	17.5	6.0	9.0	15.0	5.0/7.5/15.0	0.8	200	4,000	-	-	500	500	-	800MPE162□**	
	0.0018	17.5	6.0	10.5	15.0	5.0/7.5/15.0	0.8	100	3,000	-	-	500	500	-	800MPE182□**	
	0.002	17.5	6.0	10.5	15.0	5.0/7.5/15.0	0.8	100	3,000	-	-	500	500	-	800MPE202□**	
	0.0022	17.5	5.5	9.5	15.0	5.0/7.5/15.0	0.8	200	4,000	-	-	500	500	-	800MPE222□**	
	0.0024	17.5	5.5	9.5	15.0	5.0/7.5/15.0	0.8	200	4,000	-	-	500	500	-	800MPE242□**	
	0.0027	17.5	5.5	11.0	15.0	5.0/7.5/15.0	0.8	100	3,000	-	-	500	500	-	800MPE272□**	
	0.003	17.5	5.5	11.0	15.0	5.0/7.5/15.0	0.8	100	3,000	-	-	500	500	-	800MPE302□**	
	0.0033	17.5	5.5	11.5	15.0	5.0/7.5/15.0	0.8	100	3,000	-	-	500	500	-	800MPE332□**	
	0.0036	17.5	5.5	11.5	15.0	5.0/7.5/15.0	0.8	100	3,000	-	-	500	500	-	800MPE362□**	
	0.0039	17.5	6.0	11.5	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	500	500	-	800MPE392□**	
	0.0043	17.5	6.5	12.0	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	500	400	-	800MPE432□**	
	0.0047	17.5	6.5	12.0	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	500	400	-	800MPE472□**	
	0.0051	17.5	7.0	12.5	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	500	400	-	800MPE512□**	
	0.0056	17.5	7.0	12.5	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	500	400	-	800MPE562□**	
	0.0062	17.5	7.5	13.0	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	400	400	-	800MPE622□**	
	0.0068	17.5	7.5	13.0	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	400	400	-	800MPE682□**	
	0.0075	17.5	8.0	13.5	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	400	300	-	800MPE752□**	
	0.0082	17.5	8.5	13.5	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	400	300	-	800MPE822□**	
	0.0091	17.5	9.0	14.0	15.0	5.0/7.5/15.0	0.8	200	1,000	-	-	400	300	-	800MPE912□**	
	0.01	17.5	9.0	14.5	15.0	5.0/7.5/15.0	0.8	200	1,000	-	-	400	300	-	800MPE103□**	
	0.011	17.5	6.5	12.0	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	500	400	-	800MPE113□**	
	0.012	17.5	7.0	12.5	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	500	400	-	800MPE123□**	
	0.013	17.5	7.0	12.5	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	500	400	-	800MPE133□**	
	0.015	17.5	7.5	13.0	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	400	400	-	800MPE153□**	
	0.016	17.5	7.5	13.0	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	400	400	-	800MPE163□**	
	0.018	17.5	8.0	13.5	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	400	300	-	800MPE183□**	
	0.02	17.5	7.5	12.5	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	400	400	-	800MPE203□**	
	0.022	17.5	7.5	13.0	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	400	400	-	800MPE223□**	
	0.024	17.5	8.0	13.0	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	400	300	-	800MPE243□**	
	0.027	17.5	8.0	13.5	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	400	300	-	800MPE273□**	
0.03	17.5	8.5	14.0	15.0	5.0/7.5/15.0	0.8	100	1,000	-	-	400	300	-	800MPE303□**		
0.033	17.5	9.0	14.0	15.0	5.0/7.5/15.0	0.8	200	1,000	-	-	400	300	-	800MPE333□**		
0.036	17.5	9.5	14.5	15.0	5.0/7.5/15.0	0.8	200	1,000	-	-	300	300	-	800MPE363□**		
0.039	17.5	9.5	15.0	15.0	5.0/7.5/15.0	0.8	200	1,000	-	-	300	300	-	800MPE393□**		
0.043	17.5	9.5	16.5	15.0	5.0/7.5/15.0	0.8	200	1,000	-	-	300	300	-	800MPE433□**		
0.047	17.5	9.5	16.5	15.0	5.0/7.5/15.0	0.8	200	1,000	-	-	300	300	-	800MPE473□**		
0.051	17.5	10.0	17.0	15.0	5.0/7.5/15.0	0.8	200	1,000	-	-	300	300	-	800MPE513□**		
0.056	17.5	10.5	17.5	15.0	5.0/7.5/15.0	0.8	200	1,000	-	-	300	200	-	800MPE563□**		
0.062	17.5	11.0	18.0	15.0	5.0/7.5/15.0	0.8	200	1,000	-	-	300	200	-	800MPE623□**		
0.068	18.0	11.5	18.5	15.0	5.0/7.5/15.0	0.8	200	1,000	-	-	-	-	-	800MPE683□**		
0.075	18.0	12.0	20.0	15.0	5.0/7.5/15.0	0.8	200	800	-	-	-	-	-	800MPE753□**		
0.082	18.0	12.0	20.5	15.0	5.0/7.5/15.0	0.8	200	800	-	-	-	-	-	800MPE823□**		
0.091	18.0	12.5	21.0	15.0	5.0/7.5/15.0	0.8	200	800	-	-	-	-	-	800MPE913□**		
0.1	18.0	13.5	22.0	15.0	5.0/7.5/15.0	1.0	100	800	-	-	-	-	-	800MPE104□**		
0.11	18.0	14.0	22.5	15.0	5.0/7.5/15.0	1.0	100	800	-	-	-	-	-	800MPE114□**		
0.12	18.0	15.0	23.5	15.0	5.0/7.5/15.0	1.0	100	500	-	-	-	-	-	800MPE124□**		
0.13	18.0	15.5	24.0	15.0	5.0/7.5/15.0	1.0	100	500	-	-	-	-	-	800MPE134□**		
0.15	18.0	16.5	25.5	15.0	5.0/7.5/15.0	1.0	100	500	-	-	-	-	-	800MPE154□**		

**◆ STANDARD SIZE**
 : Tolerance    \*\* : Suffix

RATED VOLTAGE	cap(μF)	Dimensions (mm)						Typical Packaging Quantity (pcs)								Part No.
								Long Lead type		Taping Ammo pack type - style						
		A	B	C	F 1.0	LS 0.5	d	Bag	Carton	TC	TX, TH	TL, TJ	TN	TS		
1250VDC 400VAC	0.001	17.5	6.0	8.0	15.0	5.0/7.5/15.0	0.8	200	4,000	-	-	500	500	-	121MPE102□**	
	0.0011	17.5	6.0	8.0	15.0	5.0/7.5/15.0	0.8	200	4,000	-	-	500	500	-	121MPE112□**	
	0.0012	17.5	6.0	8.0	15.0	5.0/7.5/15.0	0.8	200	4,000	-	-	500	500	-	121MPE122□**	
	0.0013	17.5	6.0	9.0	15.0	5.0/7.5/15.0	0.8	200	4,000	-	-	500	500	-	121MPE132□**	
	0.0015	17.5	6.0	9.0	15.0	5.0/7.5/15.0	0.8	200	4,000	-	-	500	500	-	121MPE152□**	
	0.0016	17.5	6.0	9.0	15.0	5.0/7.5/15.0	0.8	200	4,000	-	-	500	500	-	121MPE162□**	
	0.0018	17.5	6.0	10.5	15.0	5.0/7.5/15.0	0.8	100	3,000	-	-	500	500	-	121MPE182□**	
	0.002	17.5	6.0	10.5	15.0	5.0/7.5/15.0	0.8	100	3,000	-	-	500	500	-	121MPE202□**	
	0.0022	17.5	5.5	9.5	15.0	5.0/7.5/15.0	0.8	200	4,000	-	-	500	500	-	121MPE222□**	
	0.0024	17.5	5.5	9.5	15.0	5.0/7.5/15.0	0.8	200	4,000	-	-	500	500	-	121MPE242□**	
	0.0027	17.5	5.5	11.0	15.0	5.0/7.5/15.0	0.8	100	3,000	-	-	500	500	-	121MPE272□**	
	0.003	17.5	5.5	11.0	15.0	5.0/7.5/15.0	0.8	100	3,000	-	-	500	500	-	121MPE302□**	
	0.0033	17.5	5.5	11.5	15.0	5.0/7.5/15.0	0.8	100	3,000	-	-	500	500	-	121MPE332□**	
	0.0036	17.5	5.5	11.5	15.0	5.0/7.5/15.0	0.8	100	3,000	-	-	500	500	-	121MPE362□**	
	0.0039	17.5	6.0	11.5	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	500	500	-	121MPE392□**	
	0.0043	17.5	6.5	12.0	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	500	400	-	121MPE432□**	
	0.0047	17.5	6.5	12.0	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	500	400	-	121MPE472□**	
	0.0051	17.5	7.0	12.5	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	500	400	-	121MPE512□**	
	0.0056	17.5	7.0	12.5	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	500	400	-	121MPE562□**	
	0.0062	17.5	7.5	13.0	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	400	400	-	121MPE622□**	
	0.0068	17.5	7.5	13.0	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	400	400	-	121MPE682□**	
	0.0075	17.5	8.0	13.5	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	400	300	-	121MPE752□**	
	0.0082	17.5	8.5	13.5	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	400	300	-	121MPE822□**	
	0.0091	17.5	9.0	14.0	15.0	5.0/7.5/15.0	0.8	200	1,000	-	-	400	300	-	121MPE912□**	
	0.01	17.5	9.0	14.5	15.0	5.0/7.5/15.0	0.8	200	1,000	-	-	400	300	-	121MPE103□**	
	0.011	17.5	6.5	12.0	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	500	400	-	121MPE113□**	
	0.012	17.5	7.0	12.5	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	500	400	-	121MPE123□**	
	0.013	17.5	7.0	12.5	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	500	400	-	121MPE133□**	
	0.015	17.5	7.5	13.0	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	400	400	-	121MPE153□**	
	0.016	17.5	7.5	13.0	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	400	400	-	121MPE163□**	
	0.018	17.5	8.0	13.5	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	400	300	-	121MPE183□**	
	0.02	17.5	7.5	15.0	15.0	5.0/7.5/15.0	0.8	100	1,000	-	-	400	400	-	121MPE203□**	
	0.022	17.5	8.0	15.0	15.0	5.0/7.5/15.0	0.8	100	1,000	-	-	400	300	-	121MPE223□**	
	0.024	17.5	8.5	15.5	15.0	5.0/7.5/15.0	0.8	200	1,000	-	-	400	300	-	121MPE243□**	
	0.027	17.5	9.0	16.0	15.0	5.0/7.5/15.0	0.8	200	1,000	-	-	400	300	-	121MPE273□**	
	0.03	17.5	9.0	17.5	15.0	5.0/7.5/15.0	0.8	200	1,000	-	-	400	300	-	121MPE303□**	
0.033	17.5	9.0	18.0	15.0	5.0/7.5/15.0	0.8	200	1,000	-	-	400	300	-	121MPE333□**		
0.036	17.5	9.5	18.0	15.0	5.0/7.5/15.0	0.8	200	1,000	-	-	300	300	-	121MPE363□**		
0.039	17.5	10.0	18.5	15.0	5.0/7.5/15.0	0.8	200	1,000	-	-	-	-	-	121MPE393□**		
0.043	18.0	10.5	19.0	15.0	5.0/7.5/15.0	0.8	200	1,000	-	-	-	-	-	121MPE433□**		
0.047	18.0	11.0	19.5	15.0	5.0/7.5/15.0	0.8	200	1,000	-	-	-	-	-	121MPE473□**		
0.051	18.0	11.5	20.0	15.0	5.0/7.5/15.0	0.8	200	1,000	-	-	-	-	-	121MPE513□**		
0.056	18.0	12.0	20.5	15.0	5.0/7.5/15.0	1.0	200	800	-	-	-	-	-	121MPE563□**		
0.062	18.0	12.5	21.0	15.0	5.0/7.5/15.0	1.0	200	800	-	-	-	-	-	121MPE623□**		
0.068	18.0	13.0	21.5	15.0	5.0/7.5/15.0	1.0	200	800	-	-	-	-	-	121MPE683□**		
0.075	18.0	14.0	22.5	15.0	5.0/7.5/15.0	1.0	100	800	-	-	-	-	-	121MPE753□**		
0.082	18.0	14.5	23.0	15.0	5.0/7.5/15.0	1.0	100	500	-	-	-	-	-	121MPE823□**		
0.091	18.0	15.5	24.0	15.0	5.0/7.5/15.0	1.0	100	500	-	-	-	-	-	121MPE913□**		
0.1	18.0	16.0	25.0	15.0	5.0/7.5/15.0	1.0	100	500	-	-	-	-	-	121MPE104□**		

**◆ STANDARD SIZE**
 : Tolerance    \*\* : Suffix

RATED VOLTAGE	cap(μF)	Dimensions (mm)						Typical Packaging Quantity (pcs)								Part No.
								Long Lead type		Taping Ammo pack type - style						
		A	B	C	F±1.0	LS±0.5	d	Bag	Carton	TC	TX, TH	TL, TJ	TN	TS		
1600VDC 700VAC	0.001	17.5	6.0	8.0	15.0	5.0/7.5/15.0	0.8	200	4,000	-	-	500	500	-	161MPE102□**	
	0.0011	17.5	6.0	8.0	15.0	5.0/7.5/15.0	0.8	200	4,000	-	-	500	500	-	161MPE112□**	
	0.0012	17.5	6.0	8.0	15.0	5.0/7.5/15.0	0.8	200	4,000	-	-	500	500	-	161MPE122□**	
	0.0013	17.5	6.0	9.0	15.0	5.0/7.5/15.0	0.8	200	3,000	-	-	500	500	-	161MPE132□**	
	0.0015	17.5	6.0	9.0	15.0	5.0/7.5/15.0	0.8	200	3,000	-	-	500	500	-	161MPE152□**	
	0.0016	17.5	6.0	10.5	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	500	500	-	161MPE162□**	
	0.0018	17.5	6.0	10.5	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	500	500	-	161MPE182□**	
	0.002	17.5	6.0	12.5	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	500	500	-	161MPE202□**	
	0.0022	17.5	6.0	12.5	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	500	500	-	161MPE222□**	
	0.0024	17.5	6.0	12.5	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	500	500	-	161MPE242□**	
	0.0027	17.5	6.0	13.0	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	500	500	-	161MPE272□**	
	0.003	17.5	6.0	14.5	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	500	500	-	161MPE302□**	
	0.0033	17.5	6.0	14.5	15.0	5.0/7.5/15.0	0.8	100	2,000	-	-	500	500	-	161MPE332□**	
	0.0036	17.5	7.5	14.5	15.0	5.0/7.5/15.0	0.8	100	1,000	-	-	400	500	-	161MPE362□**	
	0.0039	17.5	7.5	14.5	15.0	5.0/7.5/15.0	0.8	100	1,000	-	-	400	400	-	161MPE392□**	
	0.0043	17.5	7.5	15.0	15.0	5.0/7.5/15.0	0.8	100	1,000	-	-	400	400	-	161MPE432□**	
	0.0047	17.5	7.5	15.5	15.0	5.0/7.5/15.0	0.8	100	1,000	-	-	400	400	-	161MPE472□**	
	0.0051	17.5	8.5	16.0	15.0	5.0/7.5/15.0	0.8	200	1,000	-	-	400	300	-	161MPE512□**	
	0.0056	17.5	8.5	16.5	15.0	5.0/7.5/15.0	0.8	200	1,000	-	-	400	300	-	161MPE562□**	
	0.0062	17.5	8.5	16.5	15.0	5.0/7.5/15.0	0.8	200	1,000	-	-	400	300	-	161MPE622□**	
	0.0068	17.5	8.5	17.0	15.0	5.0/7.5/15.0	0.8	200	1,000	-	-	400	300	-	161MPE682□**	
	0.0075	17.5	8.5	17.5	15.0	5.0/7.5/15.0	0.8	200	1,000	-	-	400	300	-	161MPE752□**	
	0.0082	17.5	8.5	17.5	15.0	5.0/7.5/15.0	0.8	200	1,000	-	-	400	400	-	161MPE822□**	
	0.0091	17.5	9.5	18.0	15.0	5.0/7.5/15.0	0.8	200	1,000	-	-	300	300	-	161MPE912□**	
	0.01	17.5	10.0	18.5	15.0	5.0/7.5/15.0	0.8	200	1,000	-	-	300	300	-	161MPE103□**	
	0.011	17.5	11.0	19.5	15.0	5.0/7.5/15.0	0.8	200	1,000	-	-	-	-	-	161MPE113□**	
	0.012	18.0	11.5	20.0	15.0	5.0/7.5/15.0	0.8	200	1,000	-	-	-	-	-	161MPE123□**	
	0.013	18.0	12.0	20.5	15.0	5.0/7.5/15.0	0.8	200	800	-	-	-	-	-	161MPE133□**	
	0.015	18.0	12.0	22.5	15.0	5.0/7.5/15.0	1.0	200	800	-	-	-	-	-	161MPE153□**	
	0.016	18.0	12.5	22.0	15.0	5.0/7.5/15.0	1.0	200	800	-	-	-	-	-	161MPE163□**	
	0.018	18.0	13.5	24.0	15.0	5.0/7.5/15.0	1.0	100	500	-	-	-	-	-	161MPE183□**	
	0.02	18.0	15.0	24.0	15.0	5.0/7.5/15.0	1.0	100	500	-	-	-	-	-	161MPE203□**	
	0.022	18.0	15.5	25.5	15.0	5.0/7.5/15.0	1.0	100	500	-	-	-	-	-	161MPE223□**	
0.024	18.0	16.0	26.5	15.0	5.0/7.5/15.0	1.0	100	500	-	-	-	-	-	161MPE243□**		
0.027	18.0	17.0	27.0	15.0	5.0/7.5/15.0	1.0	100	500	-	-	-	-	-	161MPE273□**		
0.03	18.0	18.0	28.0	15.0	5.0/7.5/15.0	1.0	100	500	-	-	-	-	-	161MPE303□**		
0.033	18.0	19.0	28.5	15.0	5.0/7.5/15.0	1.0	100	500	-	-	-	-	-	161MPE333□**		