How To Order

Series: PEM Part No.

PEM	103	K	500	R	B	S1
	Capacitance 10PF=100 100PF=101 1000PF=102 1NF=1000PF =102 1UF=1000000PF =105	Tolerance B=0.1PF C=0.25PF D=0.5PF G=2% J=5% K=10% Z=+80%/-20% M=20%	Voltage 10V=100 50V=500 500V=501 1000V=102 2KV=2000V =202	Type R=Radial Type A=Axial Type	Packing B=Bulk T=Tape for Reel/Box	

(The last letter S1 means special spec. Standard goods is without it.)

Description: PEM 10000PF 10% 50V RADIAL BULK

Note:

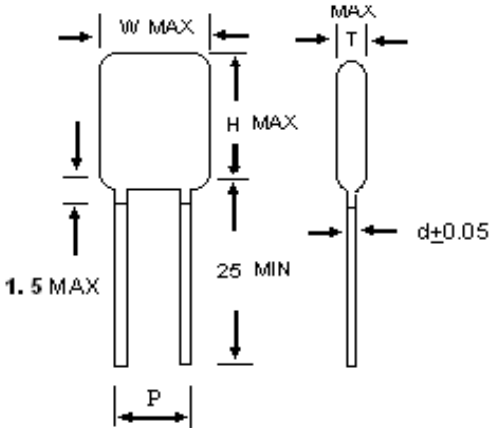
The normal packing of Miniature Polyester Film Capacitor PEM is BULK.

S= Special Spec., such as leg length, pitch size. Show special need here.

Miniature Polyester Film Capacitor (Inductive, Radial)

Type: PEM (Inductive)

PEM are constructed with polyester film dielectric, aluminum foil electrode, copperply lead and epoxy resin coating in inductive type. They are suitable for blocking, by-pass and coupling of DC and signal to VHF range, timing circuits, filtering and other general purpose usage and are ideal for use in TV, radio, Tape-recorder, stereo equipments and other



FEATURES:

- **High moisture resistance.**
- **Good solderability.**
- **Available on tape and reel for automatic insertion.**
- **ESR is minimized.**
- **Very small size, especially in H dimension.**

SPECIFICATION:

1. **OPERATING TEMPERATURE: -40˚C~85˚C.**
2. **CAPACITANCE RANGE: 0.001uF~0.22uF.**
3. **CAPACITANCE TOLERANCE: ±5%(J), ±10%(K), ±20%(M).**
4. **RATED VOLTAGE: 50VDC, 100VDC.**
5. **DISSIPATION FACTOR: 1.0% MAX AT 1KHz, 25˚C.**
6. **INSULATION RESISTANCE: >20,000 MΩ (C≤ .1uF) >2,000 MΩ • uF (C> .1uF)**

Unit: mm

RV / SIZE / CAP(uF)	50VDC/100VDC					RV / SIZE / CAP(uF)	50VDC/100VDC				
	W	H	T	P	d Ø		W	H	T	P	d Ø
0.001	6.5	8.0	3.5	3.5±0.5	0.5	0.022	7.5	10.0	4.0	3.5±1.0	0.5
0.0012	6.5	8.0	3.5	3.5±0.5	0.5	0.027	7.5	10.0	4.0	3.5±1.0	0.5
0.0015	6.5	8.0	4.0	3.5±0.5	0.5	0.033	7.5	11.0	4.5	3.5±1.0	0.5
0.0018	6.5	8.0	4.0	3.5±0.5	0.5	0.039	7.5	11.0	4.5	3.5±1.0	0.5
0.0022	6.5	8.0	4.0	3.5±0.5	0.5	0.047	7.5	11.0	5.0	5.0±1.0	0.5
0.0027	6.5	8.0	4.0	3.5±0.5	0.5	0.056	8.0	11.0	5.0	5.0±1.0	0.5
0.0033	6.5	8.0	4.0	3.5±0.5	0.5	0.068	9.5	11.0	5.5	5.0±1.0	0.5
0.0039	6.5	8.0	4.0	3.5±0.5	0.5	0.082	9.5	11.0	5.5	5.0±1.0	0.5
0.0047	6.5	9.0	4.0	3.5±0.5	0.5	0.1	9.5	11.0	6.0	5.0±1.0	0.5
0.0056	6.5	9.0	4.5	3.5±0.5	0.5	0.15	12.0	13.0	7.0	6.0±1.0	0.6
0.0068	7.0	9.0	4.5	3.5±0.5	0.5	0.22	15.0	14.0	8.0	6.5±1.0	0.6
0.0082	7.0	9.0	4.5	3.5±0.5	0.5						
0.01	7.0	9.0	4.5	3.5±0.5	0.5						
0.012	7.0	9.0	4.5	3.5±0.5	0.5						
0.015	7.0	9.0	5.0	3.5±0.5	0.5						
0.018	7.0	9.0	5.0	3.5±0.5	0.5						