



























# Bourns® Multifuse® Product Guide

## SURFACE MOUNT POLYMER PTCs







Model Series	Photo	Technology	Mounting Configuration	Footprint	Voltage Rating	Hold Current (Amps)	Certifications
MF-FSMF		Polymer PTC	SMD	0603 / 1608	6 Vdc – 15 Vdc	0.10 – 0.50	UL, CSA, TÜV
MF-PSMF		Polymer PTC	SMD	0805 / 2012	6 Vdc – 15 Vdc	0.10 – 1.10	UL, CSA, TÜV
MF-PSML		Extra Low Resistance Polymer PTC	SMD	0805 / 2012	6 Vdc	1.10 – 3.50	UL, CSA, TÜV
MF-PSHT		High Temperature Polymer PTC	SMD	0805 / 2012	16 Vdc	0.10	AEC-Q200
MF-NSMF		Polymer PTC	SMD	1206 / 3216	6 Vdc – 30 Vdc	0.12 – 2.00	UL, CSA, TÜV
MF-NSML		Extra Low Resistance Polymer PTC	SMD	1206 / 3216	6 Vdc	1.50 – 6.00	UL, CSA, TÜV
MF-NSHT		High Temperature Polymer PTC	SMD	1206 / 3216	30 Vdc	0.16 – 0.35	AEC-Q200
MF-USMF		Polymer PTC	SMD	1210 / 3225	6 Vdc – 30 Vdc	0.05 – 1.75	UL, CSA, TÜV
MF-USML		Extra Low Resistance Polymer PTC	SMD	1210 / 3225	6 Vdc	1.75 – 7.00	UL, CSA, TÜV
MF-USHT		High Temperature Polymer PTC	SMD	1210 / 3225	30 Vdc	0.35 – 0.50	UL, CSA, TUV, AEC-Q200
MF-MSMF		Polymer PTC	SMD	1812 / 4532	6 Vdc – 60 Vdc	0.10 – 2.60	UL, CSA, TÜV
MF-SMDF		Polymer PTC	SMD	2018 / 5146	10 Vdc – 60 Vdc	0.30 – 2.60	UL, CSA, TÜV
MF-LSMF		Polymer PTC	SMD	2920 / 7555	6 Vdc – 33 Vdc	1.85 – 4.00	UL, CSA, TÜV
MF-SM		Polymer PTC	SMD	2920 – 3425 / 7954 – 9567	6 Vdc – 60 Vdc	0.30 – 3.00	UL, CSA, TÜV
MF-SMHT		High Temperature Polymer PTC	SMD	2920 – 3425 / 7954 – 9567	16 Vdc	1.36 – 1.60	AEC-Q200
MF-SM/250		High Power Rating Polymer PTC	SMD	3425 / 9567	60 Vdc / 250 Vac	0.08 – 0.13	UL, CSA, TÜV
MF-SM/250V		High Power Rating Polymer PTC	SMD (Vertical Mount)	Refer to Data Sheet	60 Vdc / 250 Vac	0.13	UL, CSA, TÜV
MF-SD/250		High Power Rating Polymer PTC	SMD (Dual Package)	Refer to Data Sheet	60 Vdc / 250 Vac	0.13	UL, CSA

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## RADIAL LEADED POLYMER PTCs

Model Series	Photo	Technology	Mounting Configuration	Voltage Rating	Hold Current (Amps)	Certifications
MF-R		Polymer PTC	Radial Leaded Through-hole	16 Vdc – 60 Vdc	0.05 – 11.00	UL, CSA, TÜV
MF-R/90		High Power Rating Polymer PTC	Radial Leaded Through-hole	90 Vdc / 90 Vac	0.55 – 0.75	UL, CSA, TÜV
MF-R/600		High Power Rating Polymer PTC	Radial Leaded Through-hole	60 Vdc / 600 Vac	0.15 – 0.16	UL, CSA, TÜV
MF-RG		Polymer PTC	Radial Leaded Through-hole	16 Vdc	3.00 – 11.00	UL, CSA, AEC-Q200
MF-RHT		High Temperature Polymer PTC	Radial Leaded Through-hole	16 Vdc – 32 Vdc	0.50 – 13.00	AEC-Q200
MF-RM		High Power Rating Polymer PTC	Radial Leaded Through-hole	240 Vdc / 265 Vac	0.05 – 0.55	UL, CSA, TÜV
MF-RX		Polymer PTC	Radial Leaded Through-hole	60 Vdc	1.10 – 3.75	UL, CSA, TÜV
MF-RX/72		Polymer PTC	Radial Leaded Through-hole	72 Vdc	0.20 – 3.75	UL, CSA, TÜV
MF-RX/250		High Power Rating Polymer PTC	Radial Leaded Through-hole	60 Vdc / 250 Vac	0.12 – 0.18	UL, CSA, TÜV

## STRAP POLYMER PTCs

Model Series	Photo	Technology	Mounting Configuration	Voltage Rating	Hold Current (Amps)	Certifications
MF-LR		Polymer PTC	Strap	10 Vdc – 20 Vdc	1.9 – 9.0	UL, CSA, TÜV
MF-LS		Polymer PTC	Strap	15 Vdc – 24 Vdc	1.0 – 3.4	UL, CSA, TÜV
MF-S		Polymer PTC	Strap	15 Vdc – 30 Vdc	1.2 – 4.2	UL, CSA, TÜV
MF-SVS		Polymer PTC	Strap	10 Vdc	1.7 – 2.3	UL, CSA, TÜV
MF-VS		Polymer PTC	Strap	16 Vdc	1.7 – 2.1	UL, CSA, TÜV
MF-VS Narrow Body		Polymer PTC	Strap	12 Vdc	1.7 – 2.1	UL, CSA, TÜV

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