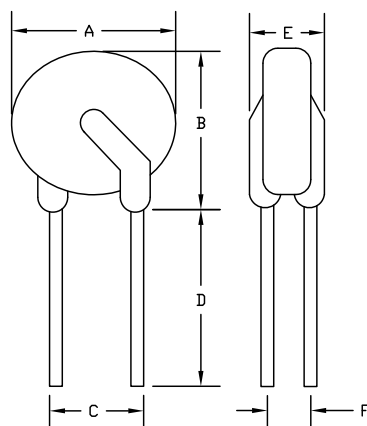




DOC. NO. SPC-F005 * Effective: 7/8/02 * DCP No: 1398

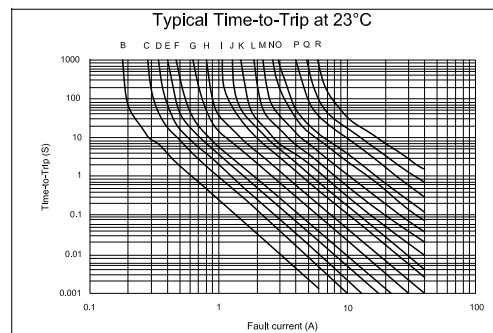
[illegible]

RoHS
Compliant



Lead Size: 20 AWG
Ø0.81mm Diameter

1. Lead Material: Tin plated copper
2. Soldering characteristic: MIL-STD-202, Method 208E.
3. Insulating coating: Flame retardant epoxy, UL-94V-0
4. Operating Current: 50mA~3.75A
5. Maximum Voltage: 60V
6. Temperature Range: -40°C to 85°C



Mfg. P/N	A		B		C		D		E		F		Hold Current I _H , A	Trip Current I _T , A	Max.To Trip Time at 5xI _T	Maximum Current I _{MAX} , A	Rated Voltage V _{MAX} , Vdc	Typical Power Pd, W	Resistance		Drawing Option	Time-to-Trip Curve Option
	Maximum	Typical	Maximum	Typical	Maximum	Typical	Maximum	Typical	R _{MIN} ohms	R _{1MAX} ohms												
MC33169	7.4	12.7	5.1	7.6	3.1	1.1	0.1	0.2	4	40	60	0.38	2.5	7.5						Option 1	Option B	
MC33170	7.4	12.7	5.1	7.6	3.1	1.1	0.17	0.34	3	40	60	0.48	2	8						Option 1	Option C	
MC33171	7.4	12.7	5.1	7.6	3.1	1.1	0.2	0.4	2.2	40	60	0.41	1.83	4.4						Option 1	Option D	
MC33172	7.4	12.7	5.1	7.6	3.1	1.1	0.25	0.5	2.5	40	60	0.45	1.25	3						Option 1	Option E	
MC33173	7.4	13	5.1	7.6	3.1	1.1	0.3	0.6	3	40	60	0.48	1.5	2.1						Option 1	Option F	
MC33174	7.6	13.5	5.1	7.6	3.1	1.1	0.4	0.8	3.8	40	60	0.56	0.55	1.29						Option 1	Option G	
MC33175	7.9	13.7	5.1	7.6	3.1	1.1	0.5	1	4	40	60	0.77	0.5	1.17						Option 1	Option H	
MC33176	9.7	14.5	5.1	7.6	3.1	1.1	0.65	1.3	5.3	40	60	0.88	0.31	0.72						Option 1	Option I	
MC33177	10.4	15.2	5.1	7.6	3.1	1.1	0.75	1.5	6.3	40	60	0.92	0.25	0.6						Option 1	Option J	
MC33178	11.7	15.8	5.1	7.6	3.1	1.1	0.9	1.8	7.2	40	60	0.99	0.2	0.47						Option 1	Option K	
MC33179	13	18	5.1	7.6	3.1	1.4	1.1	2.2	8.2	40	60	1.5	0.15	0.38						Option 2	Option L	
MC33180	14.5	19.6	5.1	7.6	3.1	1.4	1.35	2.7	9.6	40	60	1.7	0.12	0.3						Option 2	Option M	
MC33181	16.3	21.3	5.1	7.6	3.1	1.4	1.6	3.2	11.4	40	60	1.9	0.09	0.22						Option 2	Option N	
MC33182	17.8	22.9	5.1	7.6	3.1	1.4	1.85	3.7	12.6	40	60	2.1	0.08	0.19						Option 2	Option O	
MC33183	21.3	26.4	5.1	7.6	3.1	1.4	2.2	5	15.2	40	60	2.4	0.05	0.16						Option 2	Option P	
MC33184	24.9	30	10.2	7.6	3.1	1.4	3	6	19.8	40	60	2.8	0.04	0.1						Option 2	Option Q	
MC33185	28.5	33.5	10.2	7.6	3.1	1.4	3.75	7.5	24	40	60	3.2	0.03	0.08						Option 2	Option R	

DISCLAIMER:
ALL STATEMENTS AND TECHNICAL INFORMATION CONTAINED
HEREIN ARE BASED UPON INFORMATION AND/OR TESTS WE
BELIEVE TO BE ACCURATE AND RELIABLE. SINCE
CONDITIONS OF USE ARE BEYOND OUR CONTROL, THE
USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT
FOR THE INTENDED USE AND ASSUME ALL RISK AND
LIABILITY WHATSOEVER IN CONNECTION THEREWITH.

UNLESS OTHERWISE
SPECIFIED,
DIMENSIONS ARE
FOR REFERENCE
PURPOSES ONLY.

DRAWN BY:	DATE:
Jason Nash	08/06/09
CHECKED BY:	DATE:
JWM	08/06/09
APPROVED BY:	DATE:
JWM	08/06/09

Radial Leaded PTC Resettable Fuse

SIZE A	DWG. NO. Ta-1190	ELECTRONIC FILE Ta-1190.dwg	REV A
SCALE: NTS	U.O.M.: INCHES [mm]	SHEET: 1 OF 1	