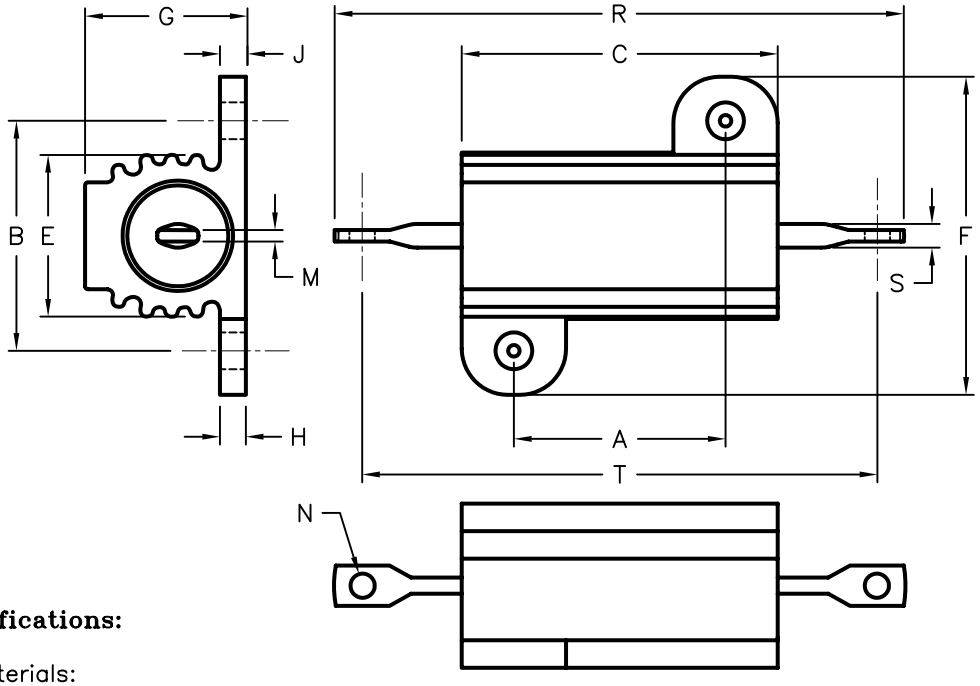
multicomp

REVISIONS								
DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
1868	A	RELEASED	EYO	11/08/05	HO	11/16/05	JWM	11/17/05

DOC. NO. SPC-F004 * Effective: 7/8/02 * DCP No: 1398

Dim.	10 Watt	50 Watt
A	0.562 [14.27]	1.563 [39.70]
B	0.625 [15.88]	0.844 [21.44]
C	0.750 [19.05]	1.968 [49.99]
E	0.420 [10.67]	0.630 [16.00]
F	0.800 [20.32]	1.140 [28.96]
G	0.390 [9.91]	0.610 [15.49]
H	0.075 [1.90]	0.088 [2.24]
J	0.183 [4.65]	0.260 [2.54]
M	0.140 [3.56]	0.140 [3.56]
N	Ø0.086 [Ø2.18]	Ø.086 [Ø2.18]
R	1.375 [34.93]	2.781 [70.64]
S	12 AWG	12 AWG
T	1.175 [29.85]	2.590 [65.79]

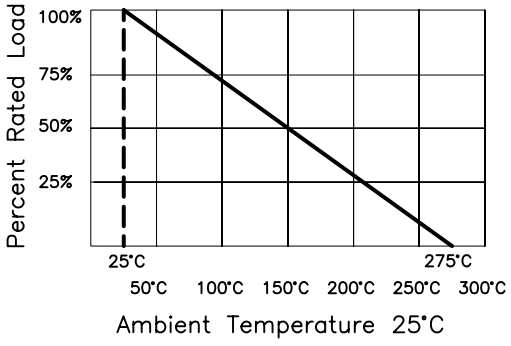


Multicomp Type No.	Resistance (Ω) ±1%	Wattage (W)
MC14722	0.1	10
MC14723	0.5	
MC14726	1	
MC14725	10	
MC14728	50	
MC14724	100	
MC14727	300	
MC14729	0.10	50
MC14730	0.15	
MC14731	0.20	
MC14732	0.30	
MC14733	0.50	
MC14736	1	
MC14739	2	
MC14738	2.5	
MC14742	3.3	
MC14746	5	
MC14737	15	
MC14735	10	
MC14741	25	
MC14745	50	
MC14734	100	
MC14740	250	
MC14743	300	
MC14744	500	

Specifications:

- Materials:
  - Housing: Metal, Anodized Aluminum.
  - Internal Coating: Silicone.
  - Core: Ceramic
  - Terminals: Solder-coated axial lead.
- Derating Linearly from 100% @ +25°C to 0% @ +275°C.
- Power Rating: Based on chassis mounting area and temperature stability.
- Overload: 5 times rated wattage for 5 seconds.
- Temperature Coefficient:
  - >1Ω: ±90 ppm/°C
  - 1Ω to 9.99Ω: ±50 ppm/°C
  - 10Ω and over: ±20 ppm/°C
- Dielectric withstanding voltage: 5W & 10W rating, 1000 VAC.
  25W & 50W rating, 2250 VAC.
- Inductance: Single layer inductive windings.

Wattage Derating Chart



RoHS Compliant

SPC-F004.DWG

TOLERANCES:	DRAWN BY:	DATE:	DRAWING TITLE: RoHS Compliant Chassis Mount & Aluminum Housed Resistor, 1%			
UNLESS OTHERWISE SPECIFIED, ±0.010 [±0.254]	EKLAS ODISH	11/08/05	SIZE: A	DWG. NO.: TA-683	ELECTRONIC FILE: TA-683.DWG	REV: A
	CHECKED BY:	DATE:				
	HISHAM ODISH	11/16/05				
	APPROVED BY:	DATE:	SCALE: NTS	U.O.M.: INCHES [mm]	SHEET: 1 OF 1	
	JEFF MCVICKER	11/17/05				

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