

REVISIONS			DOC. NO. SPC-F004 * Effective: 7/8/02 * DCP No: 1398						
DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE	
1868	Α	RELEASED	EY0	11/08/05	НО	11/16/05	JWM	11/17/05	

Dim.	10 Watt	50 Watt				
A	0.562 [14.27]	1.563 [39.70]				
В	0.625 [15.88]	0.844 [21.44]				
C	0.750 [19.05]	1.968 [49.99]				
Е	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]				
Н	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]				

G J J	C
B E M	F S
	A T
N ¬	· ·

Multicomp Type No.	Resistance (Ω) ±1%	Wattage (W)
MC14722	0.1	
MC14723	0.5	
MC14726	1	40
MC14725	10	10
MC14728	50	
MC14724	100	
MC14727	300	
MC14729	0.10	
MC14730	0.15	
MC14731	0.20	
MC14732	0.30	
MC14733	0.50	
MC14736	1	
MC14739	2	
MC14738	2.5	50
MC14742	3.3	
MC14746	5	
MC14737	15	
MC14735	10	
MC14741	25	
MC14745	50	
MC14734	100	
MC14740	250	
MC14743	300	
MC14744	500	



– Materials:

Housing: Metal, Anodized Aluminum.

Internal Coating: Silicone.

Core: Ceramic

Terminals: Solder-coated axial lead.

- Derating Linearly from 100% @ $+25^{\circ}$ C to 0% @ $+275^{\circ}$ C.
- Power Rating: Based on chassis mounting area and temperature stability.
- Overload: 5 times rated wattage for 5 seconds.
- Temperature Coefficient:

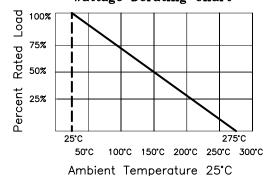
 $>1\Omega$: $\pm 90 \text{ ppm/°C}$

 1Ω to 9.99Ω : ± 50 ppm/°C

10Ω and over: \pm 20 ppm/°C

- Dielectric withstanding voltage: 5W & 10W rating, 1000 VAC.
 25W & 50W rating, 2250 VAC.
- Inductance: Single layer inductive windings.

Wattage Derating Chart





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SPC-F004.DWG

TOLERANCES:	DRAWN BY:	DATE:		ING TITLE:							1
	EKLAS ODISH	11/08/05	RoHS	Compliant	Chas	sis Mount &	Alumii	num l	Housed F	Resistor	, 1%
UNLESS OTHERWISE	CHECKED BY:	DATE:	SIZE	DWG. NO.				ELEC.	TRONIC FIL	E	REV
SPECIFIED, ±0.010 [±0.254]	HISHAM ODISH	11/16/05	A		TA-	-683		T.	A-683.	DWG	ΑΙ
10.010 [10.254]	APPROVED BY:	DATE:									
	JEFF MCVICKER	11/17/05	SCALE	E: NTS		U.O.M.: INCHES	S [mm]		SHEET:	1 OF	1

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