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SPC-F005.DWG

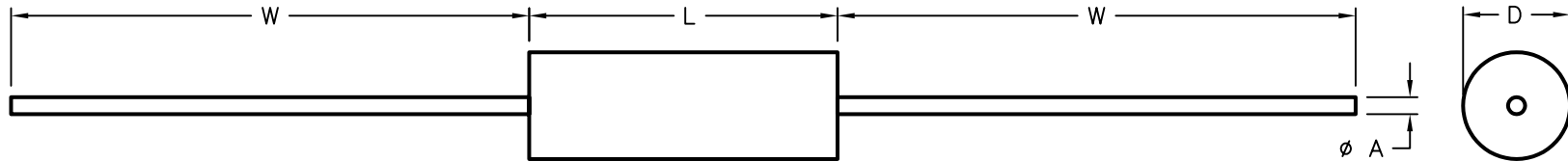
REVISIONS

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

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



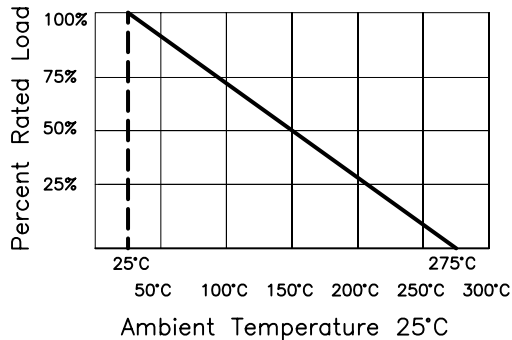
RoHS
Compliant



Specifications:

- Material
 - Coating: Conformal Silicone Ceramic.
 - Core: Ceramic
 - Terminals: solder-coated copper clad axial lead.
- Derating Linearly from 100% @ +25°C to 0% @ +275°C.
- Power Rating: Based on 25°C free air rating.
- Overload:
 - > 5W: 5 times rated wattage for 5 seconds.
 - ≤ 5W: 10 times rated wattage for 5 seconds.
- Temperature Coefficient:
 - >1Ω: ±90 ppm/°C
 - 1Ω ~ 9.99Ω: ±50 ppm/°C
 - ≤10Ω: ±20 pmm°/C

Wattage Derating Chart



Multicomp Type No.	Resistance (Ω) ±1%	Wattage (W)	L	W	D	A
MC14693	0.10	1	0.437	1.500	0.125	0.0201
MC14694	0.13					
MC14695	0.15					
MC14696	0.33					
MC14697	0.50					
MC14698	1.00	3	0.593	1.500	0.218	0.032
MC14699	2.00					
MC14700	3.00					
MC14701	4.00					
MC14702	5.00					
MC14703	10.00					
MC14704	15.00					
MC14707	33.00	5	0.937	1.500	0.343	0.0403
MC14708	40.00					
MC14709	50.00					
MC14710	100.00					
MC14711	250.00					
MC14712	500.00					

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.

TOLERANCES:

UNLESS OTHERWISE SPECIFIED,
.XX ±0.125
.XXX ±0.062
.XXXX ±0.0005

DRAWN BY:

EKLAS ODISH

CHECKED BY:

HISHAM ODISH

APPROVED BY:

JEFF MCVICKER

DATE:

11/08/05

DATE:

11/17/05

DATE:

11/17/05

DRAWING TITLE:

RoHS Compliant Axial Lead Wirewound Resistors, Silicon, 1%

SIZE

DWG. NO.

A

TA-684

ELECTRONIC FILE

TA-684.DWG

REV

A

SCALE: NTS

U.O.M.: INCHES

SHEET: 1 OF 1