



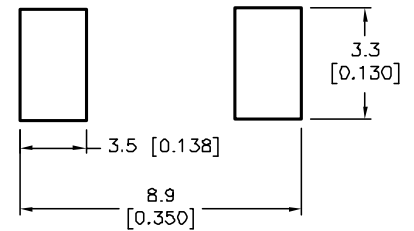
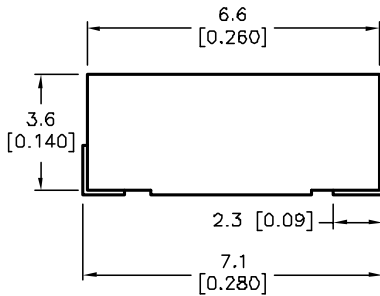
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SPC-F005.DWG

REVISIONS

DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
1996	A	Released	JN	11/07/08	JWM	11/07/08	JWM	11/07/08

DOC. NO. SPC-F005 * Effective: 7/8/02 * DCP No: 1308

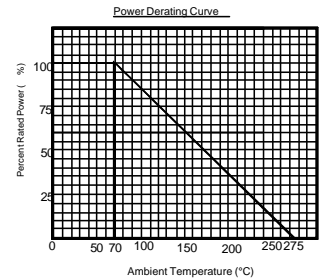


Features

- High temperature molded encapsulation
- Non-inductive types available as NSM
- Flex termination for absorbing thermal expansion
- All welded construction
- Lead-free

Electrical Specifications			
Power Rating (Watts) @ 70°C	Maximum Working Voltage	Resistance Temperature Coefficient	Ohmic Range and Tolerance
1W	25V	±100 ppm/°C ± 20 ppm/°C	0.1%, 0.5%, 1% & 5% 0.01 Ω - 10.0 Ω 10.2 Ω - 1.0K Ω

Performance Characteristics	
Test	Results
Moisture Resistance	±1.0%
Thermal Shock	± 0.5%
Load Life @70°C - 1,000 hrs.	±1.0%
Shock and Vibration	±1.0%
Resistance to Soldering Heat	±1.0%
Terminal Strength	±0.5%
Dielectric Withstanding Voltage	±0.001%/V
Short Time Overload	±0.2%
Low Temperature Operation	±0.5%



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, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

DRAWN BY:	DATE:
Jason Nash	11/07/08
CHECKED BY:	DATE:
Jeff McVicker	11/07/08
APPROVED BY:	DATE:
Jeff McVicker	11/07/08

DRAWING TITLE: Surface Mount Wirewound Resistor			
SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	Ta-1008	Ta-1008.dwg	A
SCALE: NTS	U.Q.M.: INCHES [mm]	SHEET: 1 OF 1	



Mfg. P/N	Resistance	Unit of Measure	Quantity
MCSM1W0R01 FR	0.01ohm	Tape & Cut	1 Ea.
MCSM1W0R01 FR	0.01ohm	Tape & Reel	Spool of 1500
MCSM1W0R05FR	0.05ohm	Tape & Cut	1 Ea.
MCSM1W0R05FR	0.05ohm	Tape & Reel	Spool of 1500
MCSM1W0R10 FR	0.1ohm	Tape & Cut	1 Ea.
MCSM1W0R10 FR	0.1ohm	Tape & Reel	Spool of 1500
MCSM1W10R0FR	10ohm	Tape & Cut	1 Ea.
MCSM1W10R0FR	10ohm	Tape & Reel	Spool of 1500
MCSM1W100RFR	100ohm	Tape & Cut	1 Ea.
MCSM1W100RFR	100ohm	Tape & Reel	Spool of 1500
MCSM1W1001FR	1kohm	Tape & Cut	1 Ea.
MCSM1W1001FR	1kohm	Tape & Reel	Spool of 1500
MCSM1W2R00FR	2ohm	Tape & Cut	1 Ea.
MCSM1W2R00FR	2ohm	Tape & Reel	Spool of 1500
MCSM1W200RFR	200ohm	Tape & Cut	1 Ea.
MCSM1W200RFR	200ohm	Tape & Reel	Spool of 1500
MCSM1W25R0FR	25ohm	Tape & Cut	1 Ea.
MCSM1W25R0FR	25ohm	Tape & Reel	Spool of 1500
MCSM1W250RFR	250ohm	Tape & Cut	1 Ea.
MCSM1W250RFR	250ohm	Tape & Reel	Spool of 1500
MCSM1W50R0FR	50ohm	Tape & Cut	1 Ea.
MCSM1W50R0FR	50ohm	Tape & Reel	Spool of 1500
MCSM1W500RFR	500ohm	Tape & Cut	1 Ea.
MCSM1W500RFR	500ohm	Tape & Reel	Spool of 1500

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SIZE

A

DWG. NO.

Ta-1008

ELECTRONIC FILE

Ta-1008.DWG

REV

A

SPC-F005.DWG

DOC. NO. SPC-F005 * Effective: 7/8/02 * DCP No: 1388

SCALE: NTS

U.O.M.: INCHES [mm]

SHEET: 2 OF 2