



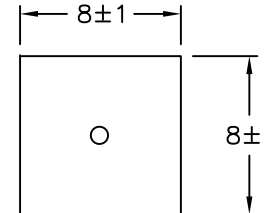
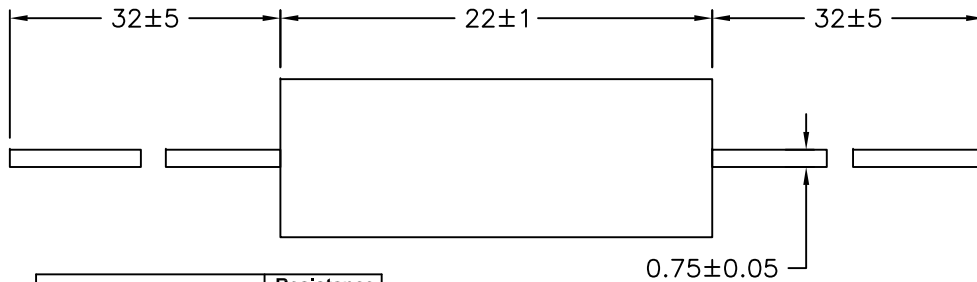
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SPC-F005.DWG

REVISIONS

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

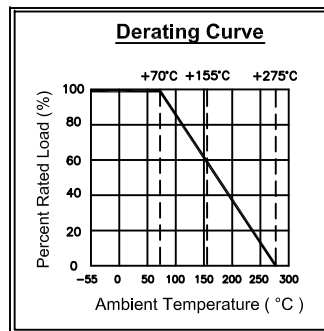
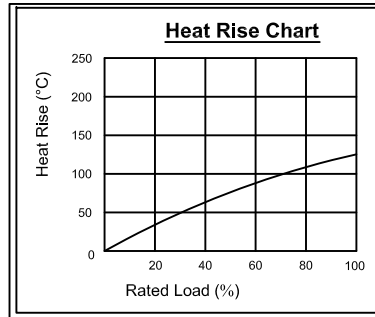
DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
1991	A	RELEASED	JN	05/15/09	JWM	05/15/09	JWV	05/15/09



Performance Specification

- Self extinguishing
- Excellent flame and moisture resistance
- Extremely small sturdy and mechanical safe
- Product Type: WireWound Resistor
- Power Rating: 3 Watts
- Resistance Tolerance: ±5%

Mfg. P/N	Resistance (Ohms)
MCPRW03WJW100B00	10
MCPRW03WJW10JB00	1
MCPRW03WJW10KB00	0.1
MCPRW03WJW150B00	15
MCPRW03WJW15JB00	1.5
MCPRW03WJW15KB00	0.15
MCPRW03WJW200B00	20
MCPRW03WJW20JB00	2
MCPRW03WJW20KB00	0.2
MCPRW03WJW270B00	27
MCPRW03WJW27JB00	2.7
MCPRW03WJW27KB00	0.27
MCPRW03WJW300B00	30
MCPRW03WJW30KB00	0.3
MCPRW03WJW330B00	33
MCPRW03WJW33JB00	3.3
MCPRW03WJW33KB00	0.33
MCPRW03WJW390B00	39
MCPRW03WJW39JB00	3.9
MCPRW03WJW39KB00	0.39
MCPRW03WJW43JB00	4.3
MCPRW03WJW43KB00	0.43
MCPRW03WJW47JB00	4.7
MCPRW03WJW47KB00	0.47
MCPRW03WJW56JB00	5.6
MCPRW03WJW56KB00	0.56
MCPRW03WJW68JB00	6.8
MCPRW03WJW68KB00	0.68
MCPRW03WJW75JB00	7.5
MCPRW03WJW75KB00	0.75
MCPRW03WJW82JB00	8.2
MCPRW03WJW82KB00	0.82



Performance Specification

- Temperature coefficient: <20Ω: ±400PPM/°C; ≥20: ±350PPM/°C
- Short-time overload: Δ R/R ≤ ±(5.0% + 0.05Ω), with no evidence of mechanical damage.
- Dielectric withstanding voltage: No evidence of flashover, mechanical damage, arcing or insulation breakdown.
- Terminal strength: No evidence of mechanical damage.
- Solderability: Min. 95% coverage
- Temperature cycling: Δ R/R ≤ ±(2.0% + 0.05Ω), with no evidence of mechanical damage.
- Humidity (Steady State): Δ R/R ≤ ±(5.0% + 0.05Ω), with no evidence of mechanical damage.
- Load life in humidity: For Wire-wound range, the Δ R/R is ±5%  
For Power film range, <100KΩ, the Δ R/R is ±5%  
For Power film range, ≥100KΩ, the Δ R/R is ±10%
- Load Life: For Wire-wound range, the Δ R/R is ±5%  
For Power film range, <100KΩ, the Δ R/R is ±5%  
For Power film range, ≥100KΩ, the Δ R/R is ±10%
- Resistance to solderability heat: Δ R/R ±(1.0% + 0.05Ω) with no evidence of mechanical damage.

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	05/15/09
CHECKED BY:	DATE:
JWM	05/15/09
APPROVED BY:	DATE:
JWM	05/15/09

DRAWING TITLE: <b>3 watt (Wire-wound) Cement Fixed Resistors</b>			
SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	Ta-1179	Ta-1179.DWG	A
SCALE:	NTS	U.O.M.: Millimeters	SHEET: 1 OF 1