multicomp

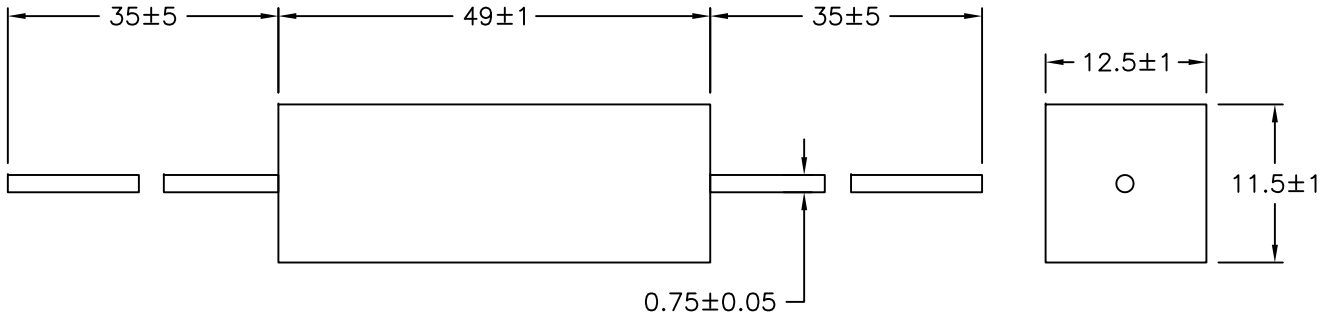
SPC-F005.DWG

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

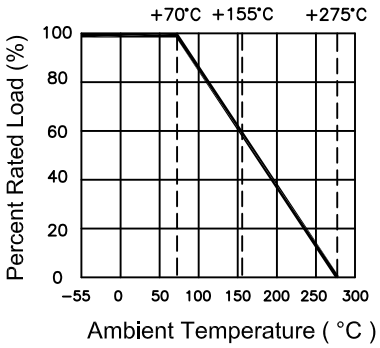
RoHS Compliant



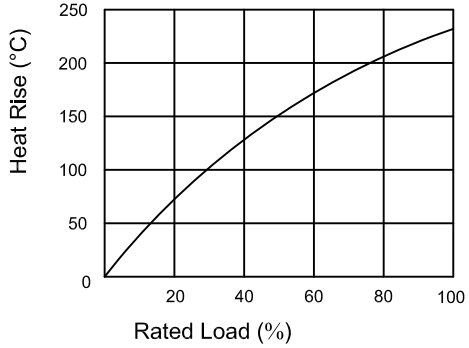
Performance Specification

-Self extinguishing
-Excellent flame and moisture resistance
-Extremely small sturdy and mechanical safe
-Product Type: Wire-wound Resistor
-Power Rating: 15 Watts
-Resistance Tolerance: ±5%

Derating Curve



Heat Rise Chart



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.

-Teminal 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.

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: 15 watt (Wire-wound) Cement Fixed Resistors

SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	Ta-1185	Ta-1185.DWG	A

SCALE: NTS | U.O.M.: Millimeters | SHEET: 1 OF 2

Mfg. P/N	Resistance (Ohms)
MCPRW0FWJW100B00	10
MCPRW0FWJW101B00	100
MCPRW0FWJW102B00	1k
MCPRW0FWJW10JB00	1
MCPRW0FWJW150B00	15
MCPRW0FWJW151B00	150
MCPRW0FWJW200B00	20
MCPRW0FWJW201B00	200
MCPRW0FWJW20JB00	2
MCPRW0FWJW270B00	27
MCPRW0FWJW271B00	270
MCPRW0FWJW27JB00	2.7
MCPRW0FWJW300B00	30
MCPRW0FWJW301B00	300
MCPRW0FWJW30JB00	3
MCPRW0FWJW330B00	33
MCPRW0FWJW331B00	330
MCPRW0FWJW390B00	39
MCPRW0FWJW391B00	390
MCPRW0FWJW39JB00	3.9
MCPRW0FWJW430B00	43
MCPRW0FWJW431B00	430
MCPRW0FWJW470B00	47
MCPRW0FWJW471B00	470
MCPRW0FWJW47JB00	4.7
MCPRW0FWJW560B00	56
MCPRW0FWJW561B00	560
MCPRW0FWJW56JB00	5.6
MCPRW0FWJW680B00	68
MCPRW0FWJW681B00	680
MCPRW0FWJW68JB00	6.8
MCPRW0FWJW750B00	75
MCPRW0FWJW751B00	750
MCPRW0FWJW75JB00	7.5
MCPRW0FWJW821B00	820

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A	Ta-1185	Ta-1185.dwg	A