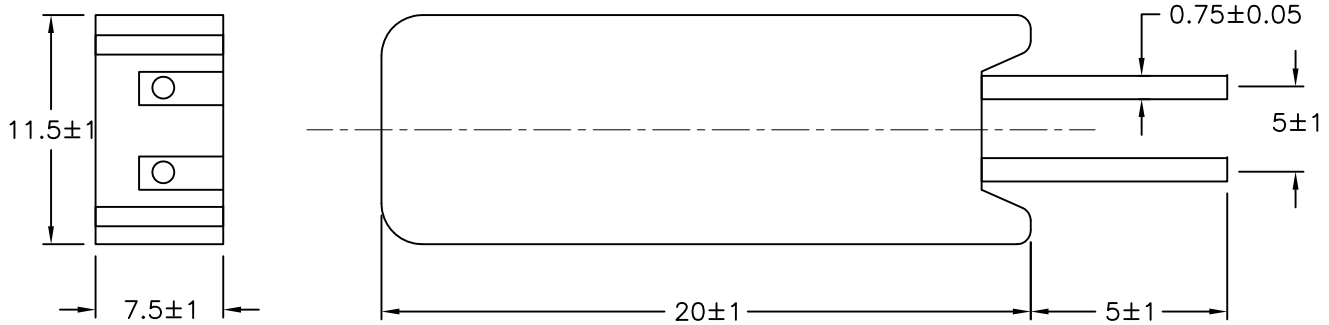
multicomp

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

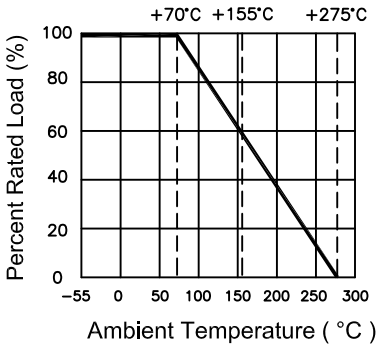


RoHS Compliant

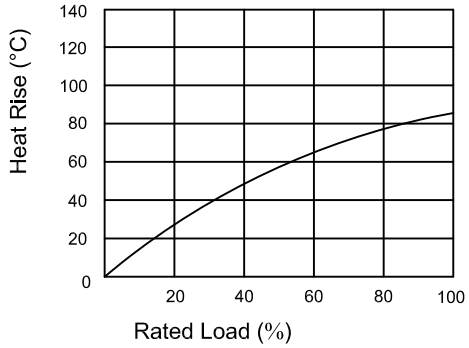
Performance Specification

-Self extinguishing
-Excellent flame and moisture resistance
-Extremely small sturdy and mechanical safe
-Product Type: Wire-wound Resistor
-Power Rating: 2 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: 2 watt (Wire-wound) Cement Fixed Resistors

SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	Ta-1165	Ta-1165.DWG	A

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

Mfg. P/N	Resistance (Ohms)
MCPRM02WJW100B00	10
MCPRM02WJW10JB00	1
MCPRM02WJW10KB00	0.1
MCPRM02WJW150B00	15
MCPRM02WJW15JB00	1.5
MCPRM02WJW15KB00	0.15
MCPRM02WJW200B00	20
MCPRM02WJW20JB00	2
MCPRM02WJW20KB00	0.2
MCPRM02WJW270B00	27
MCPRM02WJW27JB00	2.7
MCPRM02WJW27KB00	0.27
MCPRM02WJW30JB00	3
MCPRM02WJW30KB00	0.3
MCPRM02WJW33JB00	3.3
MCPRM02WJW33KB00	0.33
MCPRM02WJW39JB00	3.9
MCPRM02WJW39KB00	0.39
MCPRM02WJW43JB00	4.3
MCPRM02WJW43KB00	0.43
MCPRM02WJW47JB00	4.7
MCPRM02WJW47KB00	0.47
MCPRM02WJW56JB00	5.6
MCPRM02WJW56KB00	0.56
MCPRM02WJW68JB00	6.8
MCPRM02WJW68KB00	0.68
MCPRM02WJW75JB00	7.5
MCPRM02WJW75KB00	0.75
MCPRM02WJW82JB00	8.2
MCPRM02WJW82KB00	0.82