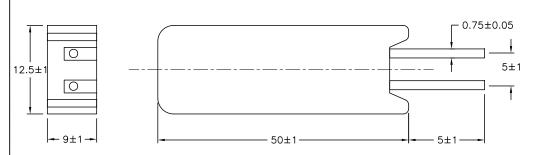


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D^_	F005	DWC	

		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	JW∨	05/15/09		

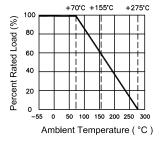




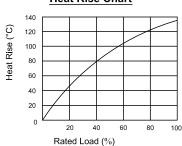
Performance Specification

- -Self extinguishing
- -Excellent flame and moisture resistance
- -Extremely small sturdy and mechanical safe
- -Product Type: Power Film Resistor
- -Power Rating: 10 Watts
- -Resistance Tolerance: ±5%

Derating Curve







Mfg. P/N	Resistance (Ohms)
MCPRM0AWJP103B00	10k
MCPRM0AWJP104B00	100k
MCPRM0AWJP113B00	11k
MCPRM0AWJP124B00	120k
MCPRM0AWJP134B00	130k
MCPRM0AWJP154B00	150k

MCPRM0AWJP164B00 160k

Performance Specification

- -Temperature coefficient: <20Ω: ±400PPM/°C; >20: ±350PPM/°C
- -Short-time overload: Δ R/R \leq ±(5.0% + 0.05 Ω), 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 \leq ± (2.0% + 0.05 Ω), with no evidence of mechanical damage.
- -Humidity (Steady State): $\Delta R/R \le \pm (5.0\% + 0.05\Omega)$, with no evidence of mechanical damage.
- -Load life in humidity: For Wire-wound range, the Δ R/R is ±5% For Power film range, <100K Ω , the Δ R/R is ±5%

For Power film range, \geq 100K Ω , the Δ R/R is ±10%

-Load Life: For Wire-wound range, the Δ R/R is ±5% For Power film range, <100K Ω , the Δ R/R is ±5% For Power film range, \geq 100K Ω , the Δ R/R is ±10%

-Resistance to solderability heat: Δ R/R \pm (1.0% + 0.05 Ω) 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.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

TOLERANCES:

DRAWN BY:	DATE:
Jason Nash	05/15/09
CHECKED BY:	DATE:
JWM	05/15/09
APPROVED BY:	DATE:
JWM	05/15/09

- 1	DRAW	/ING TIT	LE:									
9		10	watt	(Pow	er	Film)	Cement	Fixed	Resisto	rs		
	SIZE	DWG.	NO.					ELECT	RONIC FIL	E		REV
9	Α	A Ta-1171						Ta-1171.DWG				
9	SCALE: NTS				U	.O.M.: IN	CHES		SHEET:	1	OF	1