

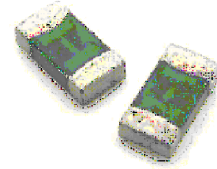


PROTECTRON ELECTROMECH (P) LTD

DESCRIPTION : SURFACE MOUNT CHIP FUSES

PART NO: PSM12 SERIES
(REFER TABLE)

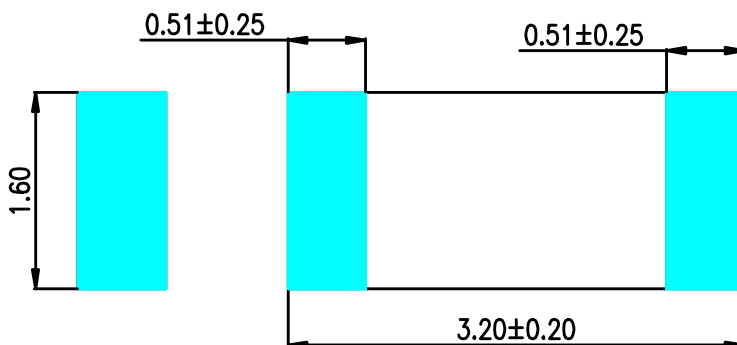
RoHS



1. FEATURES

- (a) Rapid interruption of excessive current
- (b) Compatible with reflow and wave solder
- (c) Ceramic and glass construction
- (d) One time positive disconnect
- (e) Lead free and Halogen free material

2. Production Dimensions (millimeter):



PROVISIONAL

NOTE : Specification subject to change without notice.



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3. TIME-CURRENT CHARACTERISTICS:

NOMINAL CURRENT (In)	1In MIN	2.5In MAX	3.5In MAX
250mA-5A	4 HOURS	5 SEC	-
6A-30A	4 HOURS	-	5 sec

4. Electrical Characteristics

PART NUMBER	RATED CURRENT	RATED VOLTAGE	BREAKING CAPACITY	TYPICAL COLD RESISTANCE (OHMS)	TYPICAL VOLTAGE DROP (mV)	TYPICAL PRE-ARCING I ² t(A2SEC) DC
PSM12 0.25A	0.25A	63V	50A	3608	1407	0.0004
PSM12 0.35A	0.35A	63V	50A	1882	718	0.0008
PSM12 0.5A	0.50A	63V	50A	1028	650	0.0022
PSM12 0.75A	0.75A	63V	50A	601	616	0.0057
PSM12 1A	1A	63V	50A	490	510	0.10
PSM12 1.25A	1.25A	63V	50A	165	184	0.021
PSM12 1.5A	1.5A	63V	50A	240	367	0.15
PSM12 2A	2A	63V	50A	144	316	0.41
PSM12 2.5A	2.5A	63V	50A	86	240	0.65
PSM12 3A	3A	63V	50A	53	187	1.39
PSM12 3.5A	3.5A	63V	50A	40	180	1.68
PSM12 4A	4A	63V	50A	35	173	1.73
PSM12 4.5A	4.5A	63V	50A	27	164	2.62
PSM12 5A	5A	32V	50A	22	141	2.89
PSM12 6.5A	6.5A	32V	50A	16	140	3.40
PSM12 7A	7A	32V	50A	12	140	5.68
PSM12 8A	8A	32V	150A	10	123	6.8
PSM12 10A	10A	32V	150A	4.4	59	10.6
PSM12 12A	12A	24V	150A	3.8	67	11.5
PSM12 15A	15A	24V	150A	2.9	66	16.5
PSM12 20A	20A	24V	200A	1.6	60	18.6
PSM12 25A	25A	24V	250A	1.4	57	28.4
PSM12 30A	30A	24V	300A	1	45	37.2

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A1	ELECTRICAL DATA'S UPDATED	SURIDERA	26.10.2015		
A	ORIGINAL		14.11.2000		SURINDRA
REV.	DESCRIPTION	DRN. BY	DATE	CK'ED BY	APP'D BY



Scale: NTS

Sht. Size: A4

Gen. Tol.: ±0.25mm
±1°

ALL DIMENSIONS ARE IN MM.
IF UNLESS OTHERWISE SPECIFIED.