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## PolySwitch® PTC Devices

**Overcurrent Protection Device** 

PRODUCT : MXP190BB

DOCUMENT: SCD26527

PCN: RF0570 REV LETTER: D

REV DATE: MAY 13, 2011 PAGE NO.: 1 OF 1

## **Specification Status: Released**

Maximum Electrical Rating

Operating Voltage: 6Vdc Interrupt Current: 50A

Leads: Nickel 1/2H

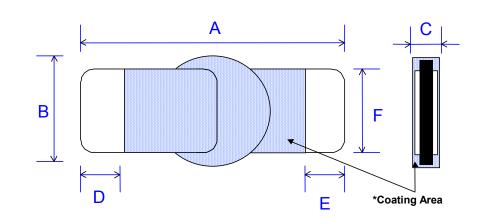
0.1mm nominal thickness

Solder: Lead-free

Tape: None

mm in\*:

Marking: None



## **TABLE I. DIMENSIONS:**

	Α		В		С		D		Е		F	
	MIN	MAX										
n:	9.2	10.8	2.96	3.26	0.7	1.1	1.6	3.1	1.6	3.1	2.2	2.4
:	(0.36)	(0.43)	(0.01)	(0.13)	(0.03)	(0.04)	(0.06)	(0.12)	(0.06)	(0.12)	(0.09)	(0.09)

<sup>\*</sup>Rounded off approximation

TABLE II. PERFORMANCE RATINGS: As measured in TE Raychem K.K. original plug.

The second secon														
I HOLD	CURRENT TRIP LIMITS							TIME TO R		REFERENCE		HOUR	TRIPPED-	
								TRIP		RESISTANCE		-TRIP	STATE	
											RESISTANCE		POWER	
													DISSIPATION	
AMPS	AMPS		AMPS		AMPS		SECONDS AT		mOHMS		mOHMS		WATTS AT	
25°C	AT 0°C		AT 2	AT 25°C AT		30°C	25°C, 9.5A		AT 25°C		AT 25°C		25°C, 6V	
HOLD	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	MIN	MAX	MIN	MAX	MIN	MAX	MAX	
1.9	2.6	6.8	1.9	4.9	0.85	2.2	-	2.0	7	15	7	24	1.0	

Agency Recognitions: UL, CSA, TUV Reference Documents: PS300

Precedence: This specification takes precedence over documents referenced herein.

Effectivity: Reference documents shall be the issue in effect on the date of invitation for bid.

CAUTION: Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame.

Open or high resistance mode failure within rating voltage.

Damage to coating may result in electrical performance outside specified ratings.

Materials Information:

ROHS Compliant ELV Compliant Pb-Free

Directive 2002/95/EC Compliant

Directive 2000/53/EC Compliant



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