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PolySwitch® PTC Devices

Overcurrent Protection Device

Raychem Circuit Protection Products

PRODUCT: MXP190BB

DOCUMENT: SCD 26527

PCN: RF0570 **REV LETTER: C**

REV DATE: JUNE 19, 2007 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

Marking: None

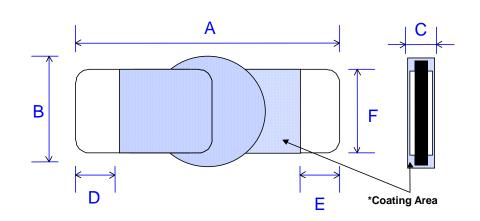


TABLE I. DIMENSIONS:

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

^{*}Rounded off approximation

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

П	HOLD	CURRENT TRIP LIMITS							TO	REFERENCE		ONE-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 25°C		AT 60°C		25°C, 9.5A		AT 25°C		AT 25°C		25°C, 6V
L	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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