



PROTECTRON ELECTROMECH (P) LTD

DESCRIPTION : MINI BLADE FUSE WITH LED

PART NO: PTF 300 In-L
(REFER TABLE)



ELECTRICAL PARAMETERS:

RATED VOLTAGE : DC 32V
INTERRUPTING RATING : 1000A @ 32V DC
COMPONENT LEVEL TEMPERATURE RANGE : -40°C TO +105°C
SYSTEM LEVEL TEMPERATURE RANGE : -40°C TO +85°C
105°C AND 85°C ARE TYPICAL SYSTEM LEVEL TEMPERATURE REQUIREMENTS

MATERIAL AND FINISH

BODY : NYLON (PA66)
ELEMENT : ZINC MATERIAL, TIN PLATED
LED : SMT TYPE

PACKING DETAILS:

STANDARD : 500 No's BULK PACKING
CUSTOMIZED PACKING IS AVAILABLE BASED ON REQUEST





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ORDERING INFORMATION

PTF 300 In-L

In = NOMINAL CURRENT(2A TO 30A)

PART NUMBERS	CURRENT RATING (A)	HOUSING MATERIAL COLOR	TYP.VOLTAGE DROP (mV)	COLD RESISTANCE (mΩ)	I ² t VALUE(A ² s) (TYPICAL)
PTF 300 2A-L	2A	GRAY 	171	55.60	2.66
PTF 300 3A-L	3A	VIOLET 	153	33.75	8.74
PTF 300 4A-L	4A	PINK 	121	23.48	16.32
PTF 300 5A-L	5A	TAN 	129	17.75	23.0
PTF 300 7.5A-L	7.5A	BROWN 	135	10.85	65.20
PTF 300 10A-L	10A	RED 	108	7.42	88.35
PTF 300 15A-L	15A	BLUE 	98	4.58	261.90
PTF 300 20A-L	20A	YELLOW 	96	3.21	361.0
PTF 300 25A-L	25A	NATURAL 	86	2.36	600.0
PTF 300 30A-L	30A	GREEN 	87	1.85	1073.50

MARKINGS ON THE INSULATOR SHOULD BE AS FOLLOWS:-

'AMPERAGE', 'VOLTAGE RATING' AND 'PROTECTRON' (MANUFACTURER)

ELECTRICAL CHARACTERISTICS:-

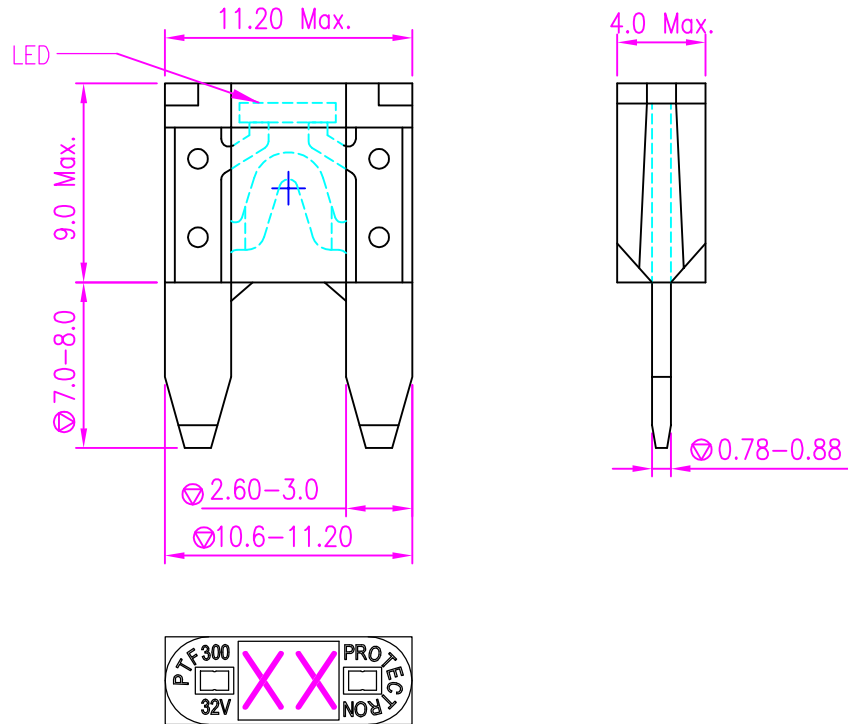
% OF AMPERE RATING	AMPERE RATING	OPENING TIME
110%	2-30Amp	100 Hours Min.
135%	2-30Amp	750msec. Min.; 600sec. Max.
160%	2-30Amp	250msec. Min.; 50sec. Max.
200%	2-30Amp	150msec. Min.; 5sec. Max.
350%	2-30Amp	40msec. Min.; 500msec. Max.
600%	2-30Amp	20msec. Min; 100msec. Max.



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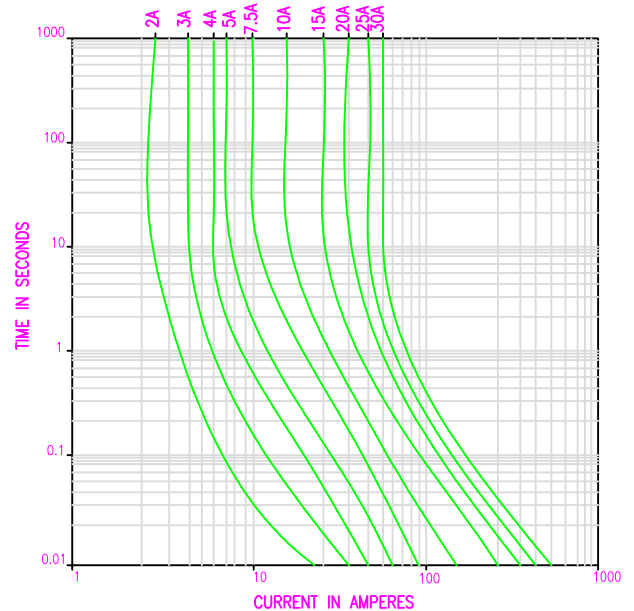
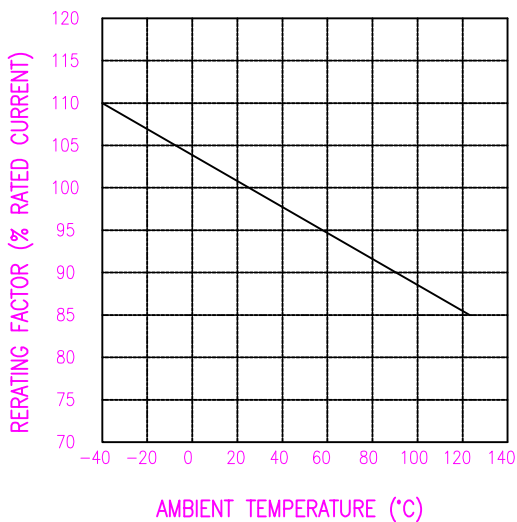
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TIME-CURRENT CHARACTERISTIC CURVES

TEMPERATURE DERATING CURVE



A	ORIGINAL	CHETAN	09.12.2016		SACHIN
REV.	DESCRIPTION	DRN. BY	DATE	CK'ED BY	APP'D BY
	Projection: 	Scale: NTS	Sht. Size: A4	Gen. Tol.: ±0.25mm ±2°	ALL DIMENSIONS ARE IN MM. IF UNLESS OTHERWISE SPECIFIED.

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