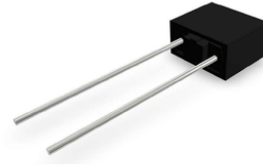




DESCRIPTION : RADIAL LEAD MICRO FUSES FAST ACTING, 300V

PART NO:PMF IN V6

RoHS



PHYSICAL DATA

MATERIAL

BASE AND CAP : PA66, UL 94-V0. BLACK COLOR

ROUND PINS : COPPER, TIN PLATED

PACKAGING TYPE

IN BULK : 1000 pcs per box

ON TAPE : Ammo Pack, 1000pcs box

ELECTRICAL DATA

RATED CURRENT : 630mA ~6.3A

RATED VOLTAGE : 300V AC

LOADING CAPACITY : 1.5In FOR 1 HOUR Minimum

INTERRUPT RATING : 35A or 10 times the rated current whichever is greater at 250V AC

MECHANICAL PROPERTIES

TENSILE TEST : 3Kg

THRUST TEST : 2N

BENDING TEST : NO DAMAGE ARE TO BE VISUALIZED AFTER TWO BENDS OF OPPOSITE DIRECTIONS OF LEAD

DESCRIPTION : RADIAL LEAD MICRO FUSES FAST ACTING, 300V

PART NO: PMF IN V6

ENDURANCE TEST :

LOADING 100% RATED CURRENT, 1hour ON, 15minutes OFF. KEEP 100cycles.

FOLLOWED BY 1hour at 1.5 TIMES THE RATED CURRENT.

THE VOLTAGE DROP ACROSS THE FUSE-LINK AFTER THE TEST SHALL NOT HAVE INCREASED BY MORE THAN 10% OF THE ORIGINAL VALUE MEASURED BEFORE THE TEST.

DERATING TEST :

IN AN AIR CIRCULATING OVEN AT 70°C, THE FUSES CAN LOAD 100% RATED CURRENT FOR 1hour AND THEY SHALL NOT OPERATE.

SOLDERING PROCESS PARAMETER :

WAVE SOLDERING

PRE – HEAT TEMPERATURE : 100°C ~ 160°C
 PRE – HEAT TIME : 60sec ~ 180sec
 SOLDER TEMPERATURE : 260°C Max
 DWELL TIME : 2sec ~ 5sec

RE-FLOW SOLDERING

PRE – HEAT TEMPERATURE : 140°C ~ 165°C
 PRE – HEAT TIME : 90sec ~ 120sec
 PEAK TEMPERATURE : 250°C Max
 SOLDERING TIME > 200°C : 30sec

MANUAL SOLDERING

SOLDER IRON TEMPERATURE : 350°C ± 5°C
 HEATING TIME : 5sec Max

SALT SPRAY TEST :

MIL-STD-202G, METHOD 101E, TEST CONDITION A

SALT SPRAY CONCENTRATION : 5±1%

TEST LIQUID TEMPERATURE : 35±0.5°C

96hrs, ΔR < 15%

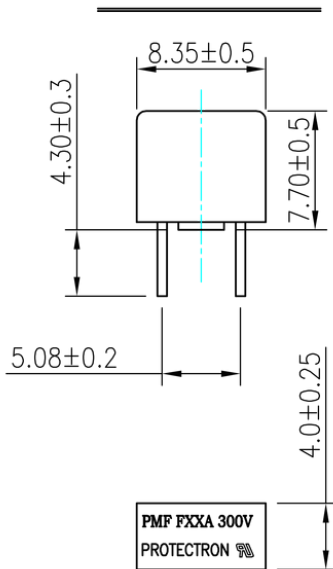


PROTECTRON[®]
ELECTROMECH (P) LTD

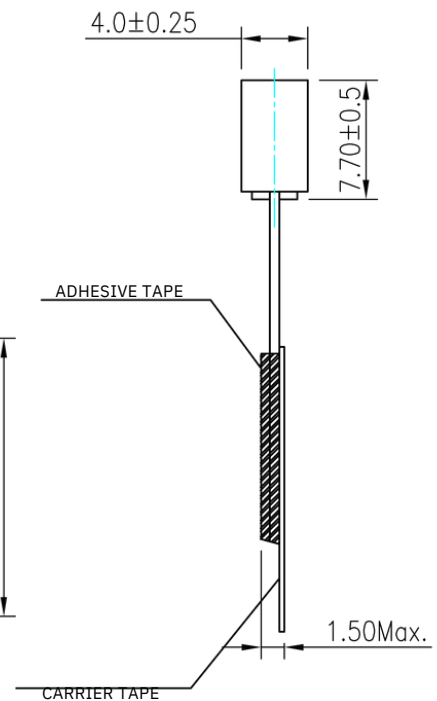
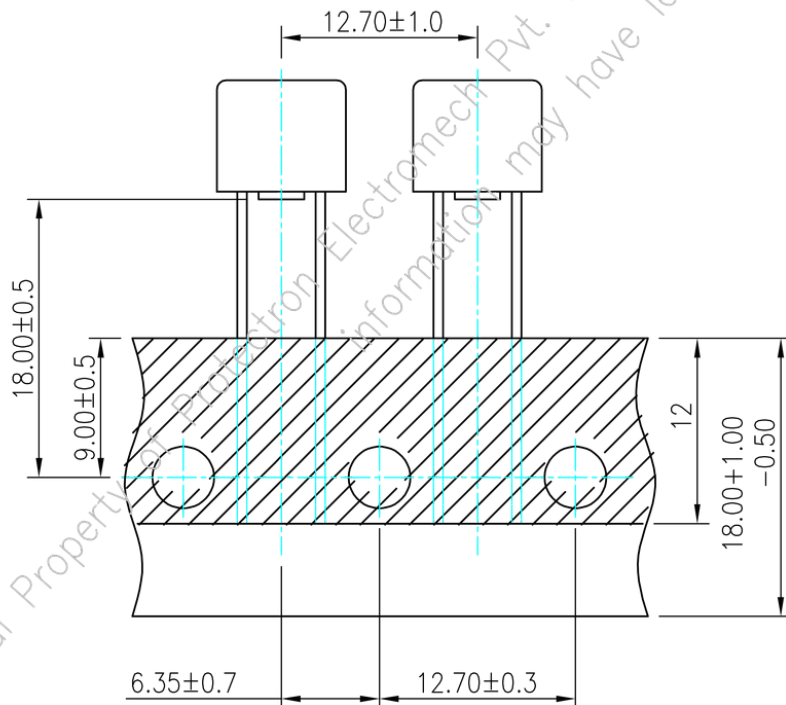
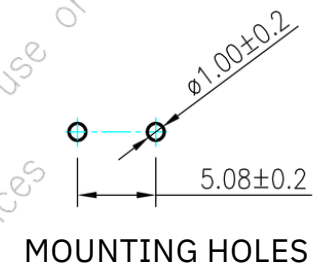
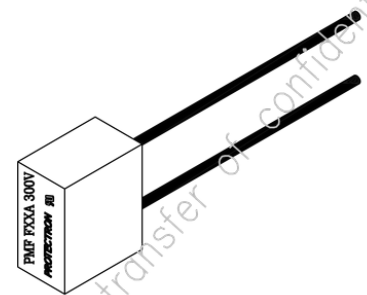
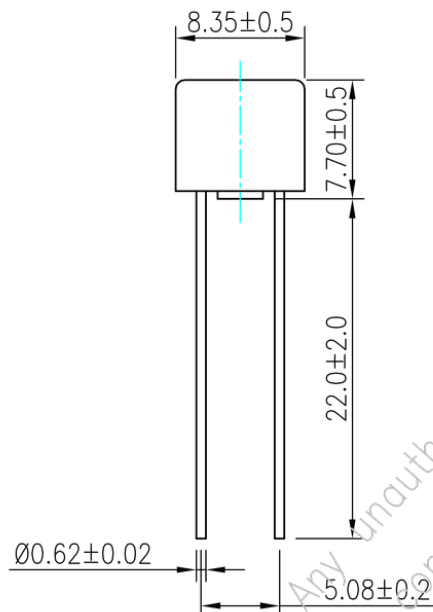
DESCRIPTION : RADIAL LEAD MICRO FUSES FAST ACTING, 300V

PART NO: PMF IN V6

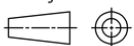
SHORT LEADS



LONG LEADS



Projection:



Scale: **NTS**

Sht. Size: **A4**

Gen. Tol.: ±0.25mm
±2°

ALL DIMENSIONS ARE IN MM.
IF UNLESS OTHERWISE SPECIFIED.



DESCRIPTION : RADIAL LEAD MICRO FUSES FAST ACTING, 300V

PART NO:PMF IN V6

ELECTRICAL CHARACTERISTIC

RATED CURRENT	1.5 In	2.1 In	2.75 In		4 In		10 In
	MIN	MAX	MIN	MAX	MIN	MAX	MAX
630mA~5A	60 min	30 min	10 ms	3 sec	3 ms	300 ms	20 ms
6.3A	60 min	30 min	10 ms	5 sec	3 ms	300 ms	20 ms

FAST ACTING FUSES TYPE PMF

PROTECTRON PART NUMBERS	AMPERE RATING (In)	VOLTAGE RATING (V)
PMF 0.63A V6	630mA	250V
PMF 0.8A V6	800mA	
PMF 1A V6	1A	
PMF 1.25A V6	1.25A	
PMF 1.6A V6	1.6A	
PMF 2A V6	2A	
PMF 2.5A V6	2.5A	
PMF 3.15A V6	3.15A	
PMF 4A V6	4A	
PMF 5A V6	5A	
PMF 6.3A V6	6.3A	

ORDERING INFORMATION

PMF IN V6

↑
(REFER TABLE)

Projection:



Scale: NTS

Sht. Size: A4

Gen. Tol.: ±0.25mm
±2°

ALL DIMENSIONS ARE IN MM.
IF UNLESS OTHERWISE SPECIFIED.