

# SUN<sup>TM</sup>

## LP60-160 PTC RESETTABLE OVERCURRENT PROTECTOR

### APPLICATION:

Almost anywhere there is a low voltage power supply and a load to be protected including:

- DC MOTOR DRIVE CIRCUIT
- COMPUTERS & PERIPHERALS
- GENERAL ELECTRONICS EQUIPMENT
- AUTOMOTIVE APPLICATION

### ELECTRICAL CHARACTERISTICS:

$I_{\max}$  ..... 40A

$V_{\max}$  ..... 60VOLTS

$I_{\text{hold}}$  ..... 1.6A max @ 23

$I_{\text{trip}}$  ..... 3.2A min @ 23

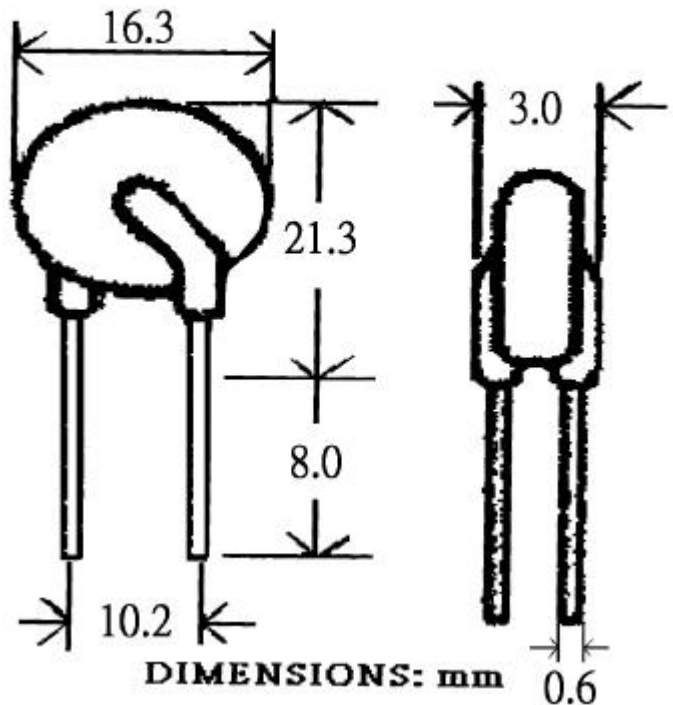
### RESISTANCE

$R_{\text{initial}}$  ..... 0.09 OHM MIN  
0.14 OHM MAX

Time to trip ..... 11.4SEC

$P_D$  ..... 1.91W

### PRODUCT DIMENSIONS PACKAGE: 1



\* DIRECT REPLACE: BOURNS MF-R160  
: RAYCHEM RXE160

### NOTE:

### Measured Values

$I_H$ – Hold current	Maximum current device will pass without interruption in 23 still air.
$I_T$ – Trip current	Min. current which will switch the device from low to high resistance in 23 still air.
$I_{\max}$	Maximum fault current the device can withstand without damage at rated voltage.
$V_{\max}$	Maximum voltage the device can withstand without damage at rated current.
$P_D$	Power dissipated from the device when in the tripped state in 23 still air.
Initial Resistance	Device resistance as received from the factory.

## MOBICON GROUP