

# SUN<sup>TM</sup>

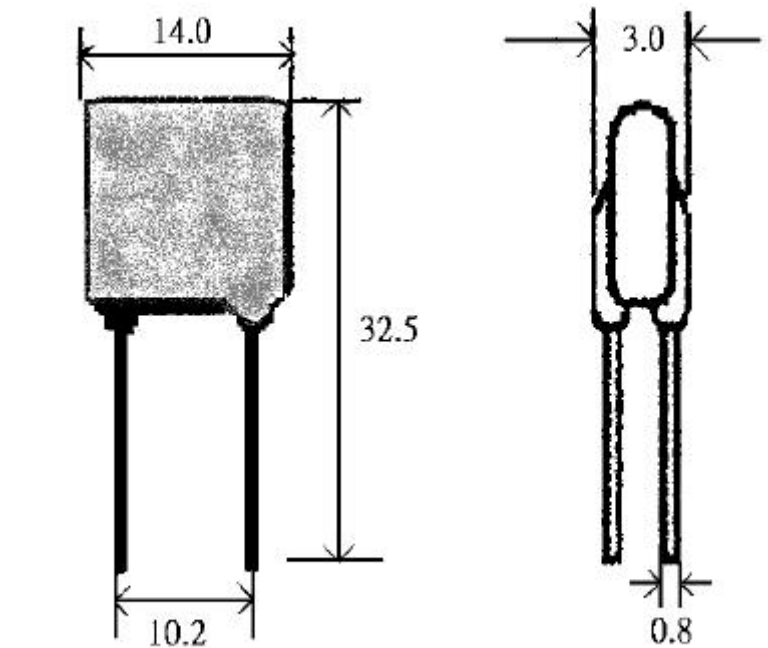
## LP30-500 PTC RESETTABLE OVERCURRENT PROTECTOR

### 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

### PRODUCT DIMENSIONS PACKAGE: 2



DIMENSIONS: mm

### ELECTRICAL CHARACTERISTICS:

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

$V_{max}$  ..... 30VOLTS

$I_{hold}$  ..... 5.0A max @ 23

$I_{trip}$  ..... 10.0A min @ 23

### RESISTANCE

$R_{initial}$  ..... 0.01OHM MIN  
0.03 OHM MAX

Time to trip ..... 14.5SEC

$P_D$  ..... 3.01W

**\* DIRECT REPLACE: RAYCHEM RUE500  
BOURNS MF-R500**

### 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