

## CHOKE

## Differential Mode Suppression Chokes

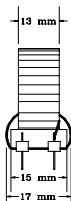
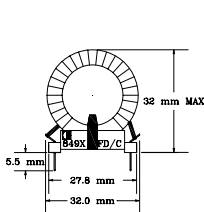
8490-8496



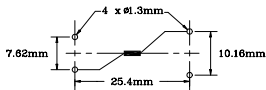
- For AC and DC applications up to 250V AC line voltage and frequency from DC to 400 Hz
- Maximum temperature rise of 30°C at full load
- Operating temperature -25°C to 105°C



### MECHANICAL AND PCB LAYOUT (All dimensions in millimeters)



#### SUGGESTED PCB LAYOUT



### ELECTRICAL SPECIFICATION @ 25°C

| Part Number | Current (Amps) | Inductance (mH) | Resistance (mΩ) |
|-------------|----------------|-----------------|-----------------|
| 8490        | 8.0            | 0.085           | 25              |
| 8491        | 6.0            | 0.120           | 40              |
| 8492        | 4.0            | 0.210           | 100             |
| 8493        | 3.0            | 0.260           | 140             |
| 8494        | 2.0            | 0.500           | 370             |
| 8495        | 1.0            | 1.170           | 1470            |
| 8496        | 0.5            | 2.150           | 3850            |

NOTE: Ambient Temperature 45°C @ rated current

