### emission control, ltd.

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# **K-Series**

General Purpose, 1-stage, medium attenuation

**Part Number System** K 30 S M\* Series Amps Connections Medical (if required)

**Agency Approvals:** 





| Part Number | Current Rating Amps | Schematic |                                               |
|-------------|---------------------|-----------|-----------------------------------------------|
| K30S        | 30                  | LINE      | LOAD                                          |
|             |                     |           | Cx <sub>2</sub> C <sub>Y</sub> C <sub>Y</sub> |

### **Electrical Specs**

250VAC 50/60 Hz. Rated Voltage:

Rated Current: @ 40° C

**Hipot Rating:** 

Line to Ground: 1800 VAC, 2 sec. 1700 VDC, 2 sec. Line to Line: Climatic Category: HPF (25/085/21)

Maximum leakage current: each line to ground @ 250 VAC 50 Hz .23ma

#### Minimum insertion loss — dB (50 ohm circuit)

| Curren | Current Frequency - MHZ |     |     |    |    |    |    |    |  |
|--------|-------------------------|-----|-----|----|----|----|----|----|--|
| Rating | Mode                    | .05 | .15 | .5 | 1  | 5  | 10 | 30 |  |
| 30     | Common                  | 10  | 20  | 28 | 31 | 35 | 39 | 35 |  |
|        | Differential            | 8   | 16  | 13 | 41 | 65 | 62 | 56 |  |

## Available to meet UL544

#### **Mechanical Specs**

Construction: Metal case and cover. Internal components and

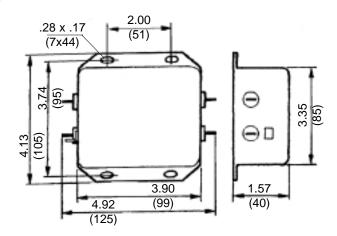
terminations sealed with self-existinguishing resin.

Connections:

S = StudsM4

Dimensions:

inches (mm)



<sup>\*</sup> Low leakage medical versions