

| MINIMUM INSERTION LOSS IN dB<br>LINE TO GROUND IN 50 OHM CIRCUIT |               |     |    |    |    |    |    | MINIMUM INSERTION LOSS IN dB<br>LINE TO LINE IN 50 OHM CIRCUIT |               |     |    |    |    |    |    |
|--|---------------|-----|----|----|----|----|----|--|---------------|-----|----|----|----|----|----|
| CURRENT<br>RATING  | FREQUENCY MHz |     |    |    |    |    |    | CURRENT<br>RATING  | FREQUENCY MHz |     |    |    |    |    |    |
|  | 0.15          | 0.5 | 1  | 3  | 5  | 10 | 30 |  | 0.15          | 0.5 | 1  | 3  | 5  | 10 | 30 |
| H MODELS   |               |     |    |    |    |    |    |  |               |     |    |    |    |    |    |
| 3 AMP  | 21            | 27  | 30 | 29 | 26 | 23 | 15 | 3 AMP  | 4             | 12  | 18 | 31 | 40 | 48 | 41 |
| 6 AMP  | 11            | 15  | 17 | 19 | 18 | 16 | 13 | 6 AMP  | 4             | 12  | 16 | 26 | 35 | 40 | 35 |
| 10 AMP   | 5             | 8   | 10 | 12 | 11 | 11 | 10 | 10 AMP   | 4             | 12  | 16 | 26 | 33 | 40 | 32 |
| S MODELS   |               |     |    |    |    |    |    |  |               |     |    |    |    |    |    |
| 3 AMP  | 21            | 27  | 33 | 40 | 44 | 50 | 32 | 3 AMP  | 4             | 12  | 15 | 30 | 48 | 50 | 45 |
| 6 AMP  | 12            | 17  | 23 | 32 | 36 | 44 | 30 | 6 AMP  | 4             | 12  | 15 | 22 | 42 | 55 | 45 |
| 10 AMP   | 5             | 10  | 13 | 23 | 27 | 35 | 27 | 10 AMP   | 4             | 12  | 15 | 22 | 42 | 55 | 45 |

| STYLE | DIMENSION 'A' |          | DIMENSION B |
|-------|---------------|----------|-------------|
|       | UNSHIELDED    | SHIELDED |             |
|       | PS            | 1.06     | 1.12        |
| PSL   | 1.12          |          | 2.201 *     |
| PE    | 1.12          | 1.12     | 2.201 *     |
| PM    | 1.06          | 1.12     | 2.13        |
| PSC   | 1.06          | 1.12     | 2.52        |
| PSJ   | 1.06          | 1.12     | 2.6         |

\* FOR PANEL THICKNESS OF 0.031"-0.079" ONLY.  
USE 2.213 FOR PANEL THICKNESS OF 0.083"-0.114"

| SHEET 1 OF 2 |        |         |     |
|--------------|--------|---------|-----|
| ECN#         | APPRVD | DATE    | REV |
| 10-002963    | ELC    | 19AUG10 | C   |
| 12-015327    | TAM    | 22AUG12 | D   |



**MOUNTING STYLE**  
 E = SEE VIEW ABOVE  
 S = SEE VIEW  
 M = SEE VIEW

**EXTENDER**  
 J = J SERIES  
 L = L SERIES

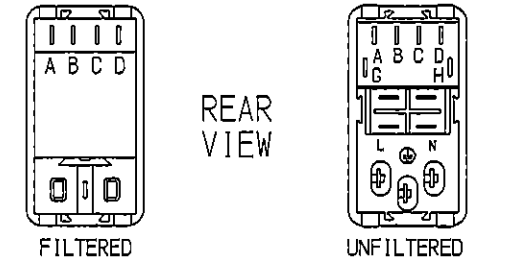
**OPTIONS**  
 O = NONE  
 F = FN260  
 D = BLANK  
 S = DOUBLE POLE SINGLE THROW  
 O = SINGLE VOLTAGE  
 S = DUAL VOLT. SELECT (SMPS)  
 X = DUAL VOLT. SELECT (SERIES/PARALLEL)

**SWITCH**  
 O = NO SHIELD  
 A = FILTER SHIELD  
 B = COMPLETE SHIELD

**OPTIONS**  
 O = NO FILTER  
 3 = 3 AMPS  
 6 = 6 AMPS  
 X = 10 AMPS

**OPTIONS**  
 O = NO FILTER  
 B = INTERCONNECTION BLOCK  
 H = MEDICAL FILTER  
 S = GENERAL PURPOSE

**OPTIONS**  
 D = DUAL FUSE  
 S = SINGLE FUSE

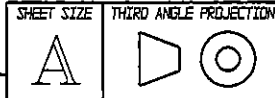


**Tyco Electronics**  
 CORCOM PRODUCTS, 620 S. BUTTERFIELD RD. MUNDELEIN IL 60060

**CUSTOMER DRAWING**  
**P-SERIES**

TYCO ELECTRONICS PART NO.

|            |              |                          |        |
|------------|--------------|--------------------------|--------|
| SCALE: 1:2 | DATE: 2-4-97 | DRAWING NUMBER: P-SERIES | REV. D |
| DRW. BY:   | ORIG:        |                          |        |



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SPECIFICATIONS

|                           |   |
|---------------------------|---|
| HIPOT RATING (ONE MINUTE) |   |
| LINE TO GROUND:           | 1500 VAC  |
| LINE TO LINE:             | 1450 VDC  |
| OPERATING FREQUENCY:      | 50/60 Hz  |
| RATED VOLTAGE:            | 120/250 VAC   |
| OPERATING VOLTAGES:       | 115/230 VAC   |
| SELECTABLE OR FIXED:      | SELECTABLE FUSEHOLDER<br>ACCEPTS 1 OR 2 FUSES<br>1/4" x 1-1/4"<br>OR 5 x 20mm |
| OPERATING AMBIENT TEMP.:  | -10°C TO +40°C  |
| STORAGE TEMPERATURE:      | -40°C TO +85°C  |
| HUMIDITY:                 | 21 DAYS, 40°C @95% RH.  |
| CURRENT OVERLOAD TEST:    | 6 TIMES I <sub>R</sub> FOR 8 SECONDS  |



NOTE 1: JUMPERS ARE REQUIRED IF A FILTER OR INTERCONNECTION MODULE IS NOT USED.  
 NOTE 2: LOCATION OF OPTIONAL FILTER. JUMPERS ARE REQUIRED IF A FILTER OR INTERCONNECTION MODULE IS NOT USED.

NONFILTERED MODELS

|                                 |                                |
|---------------------------------|--------------------------------|
| RATED CURRENT; I <sub>R</sub> : | 10A @ 120 VAC<br>10A @ 250 VAC |
|---------------------------------|--------------------------------|

FILTERED MODELS

|  |                                 |
|--|---------------------------------|
| MAXIMUM LEAKAGE CURRENT, EACH LINE TO GROUND |                                 |
| @ 120 VAC 60Hz:                              | H MODELS 2µA<br>S MODELS 0.25m  |
| @ 250 VAC 50Hz:                              | H MODELS 5µA<br>S MODELS 0.50mA |

|                                 |                                   |
|---------------------------------|-----------------------------------|
| RATED CURRENT; I <sub>R</sub> : | 3, 6 & 10 AMP<br>MODELS AVAILABLE |
|---------------------------------|-----------------------------------|

GENERAL NOTES:  
 CONVERSION CLIP PROVIDED ON FUSEHOLDER FOR SINGLE FUZE MODELS.  
 SWITCH: DOUBLE INSULATED RATED FOR 10,000 OPERATIONS AT FULL LOAD.  
 51 AMP INRUSH CAPABILITY.  
 TERMINALS: FOUR 0.187" x 0.032" QUICK CONNECT TABS  
 ONE SOLDER TERMINAL

SAFETY ORGANIZATIONS

THIS FILTER HAS BEEN FORMALLY RECOGNIZED, CERTIFIED OR APPROVED BY THE LISTED AGENCY. THEREFORE, ALL TEST/REQUIREMENTS SPECIFIED IN THE LATEST REVISION OF THE FOLLOWING AGENCY STANDARDS HAVE BEEN MET:

UL RECOGNIZED  
 CSA CERTIFIED  
 VDE APPROVED



SEE INDIVIDUAL CUSTOMER DRAWINGS FOR OTHER (L AND Z) P-SERIES VERSIONS.

**Tyco Electronics**  
 CORCOM PRODUCTS, 620 S. BUTTERFIELD RD. MUNDELEIN IL 60060

CUSTOMER DRAWING  
 P-SERIES

TYCO ELECTRONICS PART NO.

|           |              |                 |      |
|-----------|--------------|-----------------|------|
| SCALE: NA | DATE: 2/4/97 | DRAWING NUMBER: | REV. |
| DRW. BY:  | ORIG:        | P-SERIES        | D    |

|            |                        |
|------------|------------------------|
| SHEET SIZE | THIRD ANGLE PROJECTION |
| A          |                        |

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