

| 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                                                         |    |               |     |    |    |    |    |    |  | 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                                                         |    |               |     |    |    |    |    |    |  | 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 |    |  |

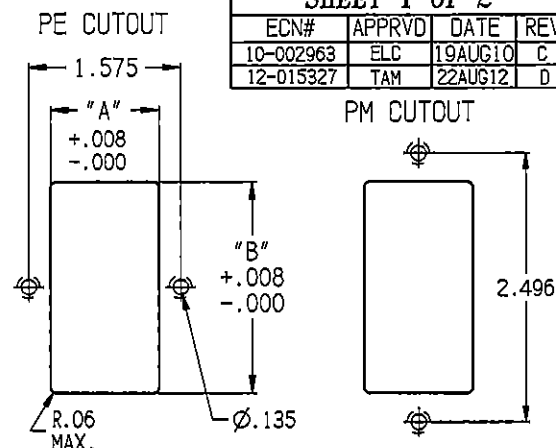
## RECOMMENDED PANEL CUTOUTS

| STYLE | DIMENSION 'A' |          | DIMENSION B |
|-------|---------------|----------|-------------|
|       | UNSHIELDED    | SHIELDED |             |
| PS    | 1.06          | 1.12     | 2.201 *     |
| 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         |

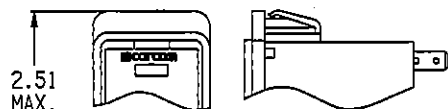
\* FOR PANEL THICKNESS OF 0.031"-0.079" ONLY.  
USE 2.213 FOR PANEL THICKNESS OF 0.083"-0.114"

## SHEET 1 OF 2

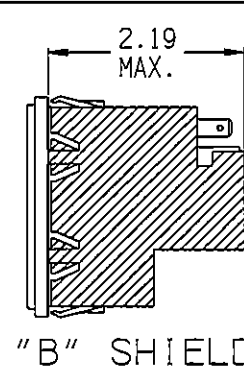
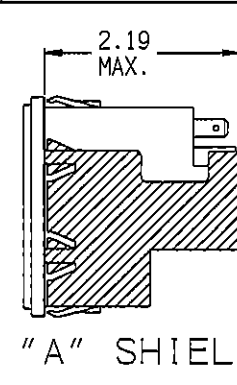
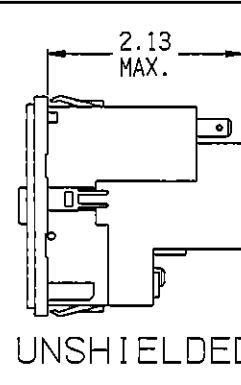
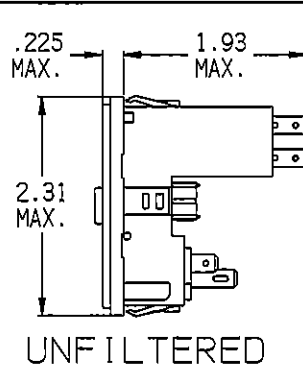
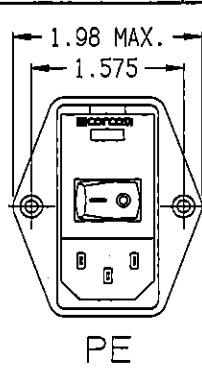
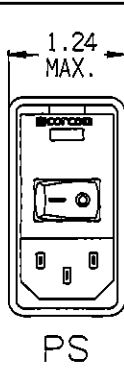
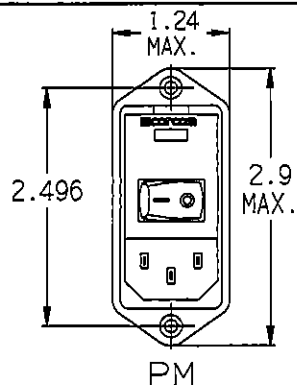
| ECN#      | APPRVD | DATE    | REV |
|-----------|--------|---------|-----|
| 10-002963 | ELC    | 19AUG10 | C   |
| 12-015327 | TAM    | 22AUG12 | D   |



### C - EXTENDER



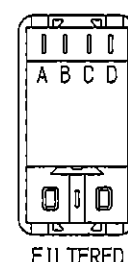
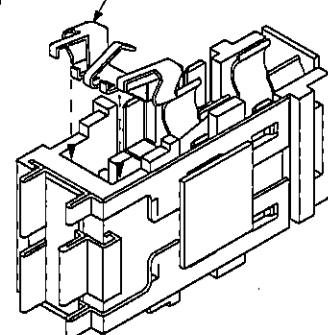
### J-SERIES EXTENDER



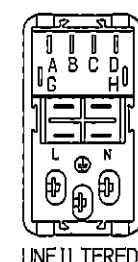
**MOUNTING STYLE**  
 E = SEE VIEW ABOVE  
 S = SEE VIEW  
 M = SEE VIEW  
 O = NONE  
 C = FN260  
 J = J SERIES  
 L = L SERIES  
 O = BLANK  
 S = DOUBLE POLE SINGLE THROW  
 O = SINGLE VOLTAGE  
 S = DUAL VOLT. SELECT (SMPS)  
 X = DUAL VOLT. SELECT (SERIES/PARALLEL)

**EXTENDER**  
 O = NO SHIELD  
 A = FILTER SHIELD  
 B = COMPLETE SHIELD  
 O = NO FILTER  
 3 = 3 AMPS  
 6 = 6 AMPS  
 X = 10 AMPS  
 O = NO FILTER  
 B = INTERCONNECTION BLOCK  
 H = MEDICAL FILTER  
 S = GENERAL PURPOSE  
 D = DUAL FUSE  
 S = SINGLE FUSE

CONVERSION CLIP FOR SINGLE FUSE APPLICATIONS



REAR VIEW

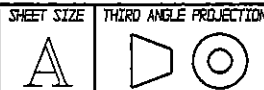


**Tyco Electronics**  
 CORCOM PRODUCTS, 620 S. BUTTERFIELD RD. MUNDLEIN IL 60060

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

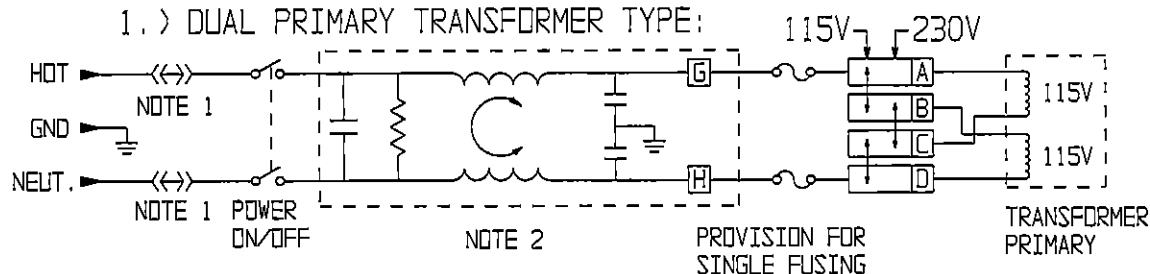
TYCO ELECTRONICS PART NO.

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

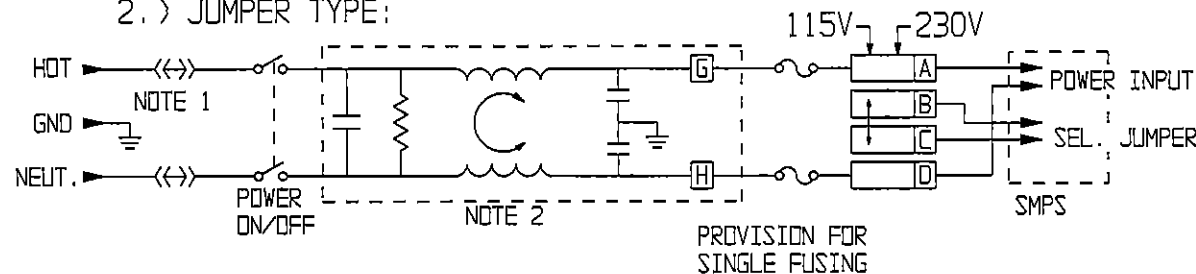


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## 1.) DUAL PRIMARY TRANSFORMER TYPE:



## 2.) JUMPER TYPE:



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.

## GENERAL NOTES:

CONVERSION CLIP PROVIDED ON FUSEHOLDER FOR SINGLE FUSE MODELS.

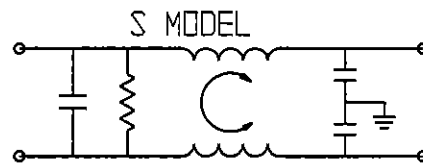
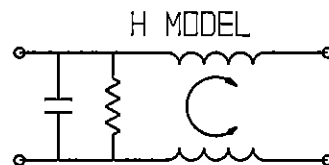
SWITCH: DOUBLE INSULATED RATED FOR 10,000 OPERATIONS AT FULL LOAD.  
51 AMP INRUSH CAPABILITY.

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.

## 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 |

|                          |                                      |
|--------------------------|--------------------------------------|
| ACCEPTS 1 OR 2 FUSES     | 1/4" x 1-1/4"                        |
| 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 |

## NONFILTERED MODELS

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

## FILTERED MODELS

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

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



**Tyco Electronics**

CORCOM PRODUCTS, 620 S. BUTTERFIELD RD. MUNDELEIN IL 60060

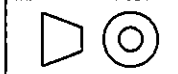
CUSTOMER DRAWING  
P-SERIES

TYCO ELECTRONICS PART NO.

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

SHEET SIZE

THIRD ANGLE PROJECTION



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