

SERIES \_\_\_\_\_  
FCE17=FILTERED D-SUB, RoHS

SIZE/NUMBER OF CONTACTS  
E09, A15, B25, OR C37

CONNECTOR STYLE  
P=PIN  
S=SOCKET

TERMINATION TYPE —  
M=SOLDER CUP TAILS

|     |                             |          |        |
|-----|-----------------------------|----------|--------|
| REV | ECN, ERN NO.                | DATE     | APPRD. |
| E   | PRODUCT DRAWING (EAR 14157) | MAY21/13 | K.L.   |

CONTACT FINISH/GOLD THICKNESS  
NO DIGIT=STANDARD 15 MICROINCHES  
[0.38 MICRONS] GOLD ON MATING AREA  
G=50 MICROINCHES [1.27 MICRONS]  
GOLD ON MATING AREA

— MODIFIER  
0=STANDARD

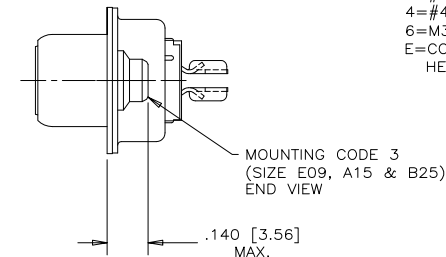
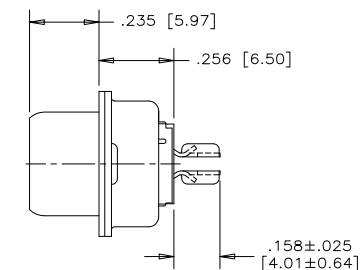
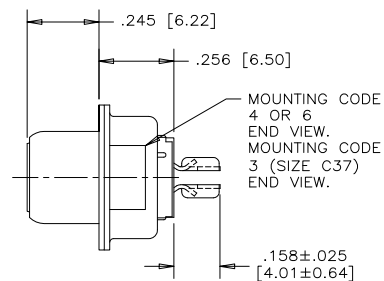
— FILTER CAPACITANCE

|          |              |
|----------|--------------|
| D=50 pF  | 5=1000 pF    |
| B=100 pF | 7=1200 pF    |
| 0=180 pF | 6=1300 pF    |
| T=220 pF | J=1500 pF    |
| F=330 pF | E=2200 pF    |
| L=380 pF | 9=5600 pF    |
| 1=470 pF | 8=47000 pF   |
| 2=680 pF | N=NO FILTERS |
| 4=820 pF |              |

REFER TO  
AMPHENOL CATALOGUE FOR FILTER  
PERFORMANCE CHARACTERISTICS

## — MOUNTING

2=.120 [3.05] DIA THROUGH HOLE  
3=#4-40 UNC SELF-LOCKING THREAD  
4=#4-40 UNC THREAD  
6=M3 x 0.5 THREAD  
E=CODE 4 MOUNTING WITH #4-40 UNC  
HEX JACK SOCKETS SUPPLIED

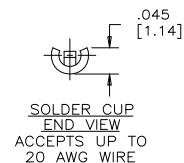


1. MATERIALS: ALL MATERIALS ARE RoHS COMPLIANT.

- SHELL: STEEL, TIN PLATED
- CONTACTS: PHOSPHOR BRONZE, PLATED WITH GOLD OVER 50µ" [1.27 MICRONS] MINIMUM NICKEL IN THE MATING AREA AND 100µ" [2.54 MICRONS] MINIMUM MATTE TIN ON THE TAILS.
- INSULATOR: ENGINEERING THERMOPLASTIC, GLASS REINFORCED, UL FLAMMABILITY RATING 94V-0, COLOUR: BLACK
- MOUNTING HARDWARE: STEEL OR COPPER ALLOY, TIN OR NICKEL PLATED.

2. CONTACT RESISTANCE: 15 MILLIOHMS MAXIMUM
3. INSULATION RESISTANCE: 3000 MEGOHMS MINIMUM
4. CURRENT RATING: 5 AMPS MAXIMUM
5. OPERATING TEMPERATURE: -40°C TO 85°C
6. TOLERANCE UNLESS INDICATED OTHERWISE:  $\pm .005$  [0.13]

| SIZE | STYLE  | A±.015<br>[0.38] | B±.005<br>[0.13] | C±.005<br>[0.13] | D±.005<br>[0.13] | E BSC.           |
|------|--------|------------------|------------------|------------------|------------------|------------------|
| E09  | PIN    | 1.213<br>[30.81] | -----            | .666 [16.92]     | .984<br>[24.99]  | .432<br>[10.97]  |
|      | SOCKET |                  | .643 [16.33]     | -----            |                  |                  |
| A15  | PIN    | 1.541<br>[39.14] | -----            | .994 [25.25]     | 1.312<br>[33.32] | .756<br>[19.20]  |
|      | SOCKET |                  | .971 [24.66]     | -----            |                  |                  |
| B25  | PIN    | 2.088<br>[53.04] | -----            | 1.534 [38.96]    | 1.852<br>[47.04] | 1.304<br>[33.12] |
|      | SOCKET |                  | 1.511 [38.38]    | -----            |                  |                  |
| C37  | PIN    | 2.729<br>[69.32] | -----            | 2.182 [55.42]    | 2.500<br>[63.50] | 1.956<br>[49.68] |
|      | SOCKET |                  | 2.159 [54.84]    | -----            |                  |                  |



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|                                  |  |                         |  |                                                                                                         |  |                            |  |
|----------------------------------|--|-------------------------|--|---------------------------------------------------------------------------------------------------------|--|----------------------------|--|
| DRAWN <i>K. LAMBIE</i>           |  | DATE<br><i>JUN21/05</i> |  | Amphenol Canada Corp.                                                                                   |  |                            |  |
| DESIGNED                         |  |                         |  |                                                                                                         |  |                            |  |
| CHECKED                          |  |                         |  |                                                                                                         |  |                            |  |
| I. E. APPRD.                     |  |                         |  |                                                                                                         |  |                            |  |
| Q. A. APPRD.                     |  |                         |  | TITLE<br>FCE17 SERIES FILTERED D-SUB<br>CONNECTOR, PIN & SOCKET, SOLDER<br>CUP CONTACTS, RoHS COMPLIANT |  |                            |  |
| DWG. APPRD.                      |  |                         |  |                                                                                                         |  |                            |  |
| ENG. REL. NO.                    |  | DWG                     |  | DRAWING NO.                                                                                             |  | REV.                       |  |
| REF. <i>EAR 12758</i>            |  | C                       |  | P-FCE17-XXXXM-XXOX                                                                                      |  | E                          |  |
| DIMENSIONS ARE IN<br>INCHES [mm] |  | CODE ID. NO.<br>03554   |  | SCALE <i>3/1</i>                                                                                        |  | WT. -----                  |  |
|                                  |  |                         |  | SURF. -----                                                                                             |  | SHEET <i>1</i> OF <i>1</i> |  |