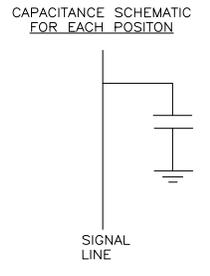
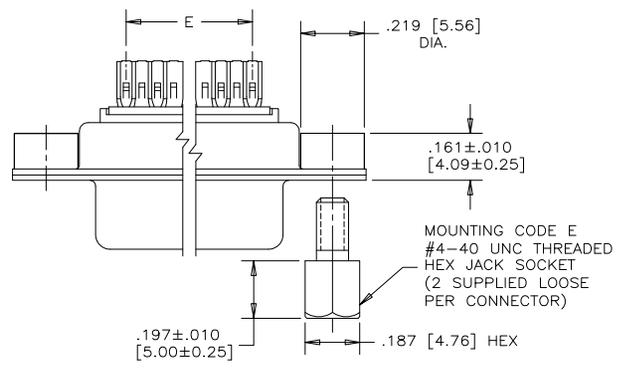


| REVISIONS |                             |          |        |
|-----------|-----------------------------|----------|--------|
| REV       | ECN, ERN NO.                | DATE     | APPRD. |
| F         | PRODUCT DRAWING (EAR 14498) | NOV11/16 | K.L.   |



ORDERING CODE: F C E 1 7 - E 0 9 P M - 4 7 0 G

**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

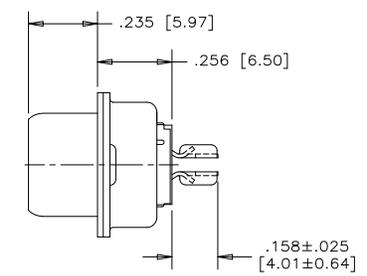
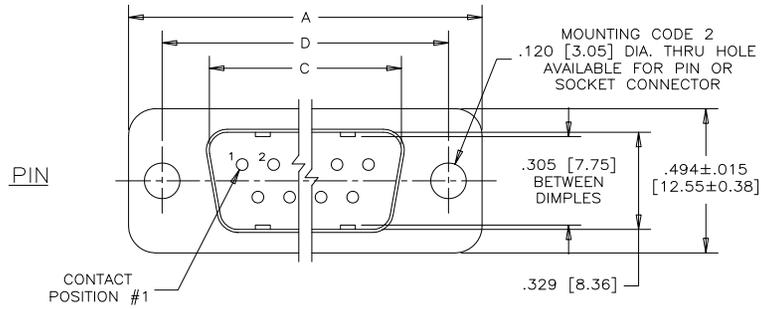
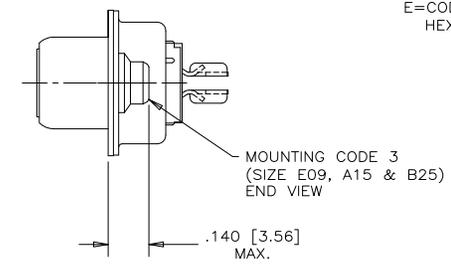
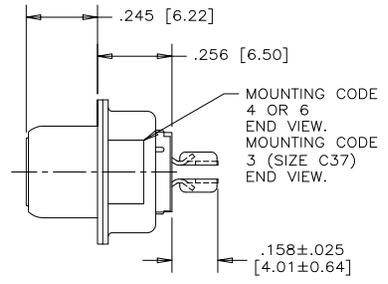
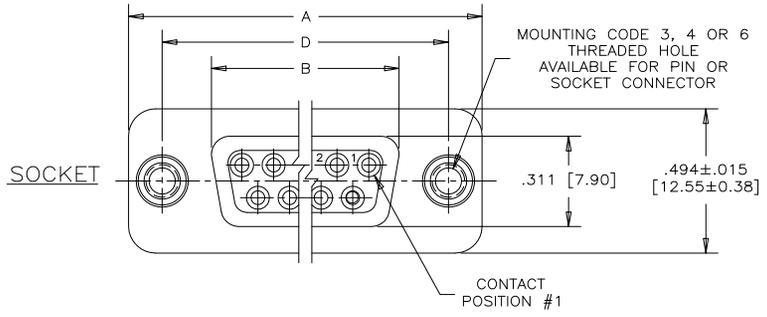
**CONTACT FINISH/GOLD THICKNESS**  
NO DIGIT=STANDARD 15 MICRONS  
[0.38 MICRONS] GOLD ON MATING AREA  
G=50 MICRONS [1.27 MICRONS]  
GOLD ON MATING AREA

**MODIFIER**  
O=STANDARD

**FILTER CAPACITANCE**  
D=50 pF    5=1000 pF  
B=100 pF    7=1200 pF  
O=180 pF    6=1300 pF  
F=330 pF    J=1500 pF  
L=380 pF    E=2200 pF  
1=470 pF    9=5600 pF  
4=820 pF    8=47000 pF  
N=NO FILTERS

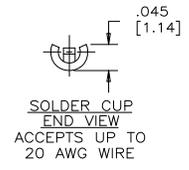
REFER TO AMPHENOL CATALOGUE FOR FILTER PERFORMANCE CHARACTERISTICS

**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



**NOTES:**

- 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.
- CONTACT RESISTANCE: 15 MILLIOHMS MAXIMUM
- INSULATION RESISTANCE: 3000 MEGOHMS MINIMUM
- CURRENT RATING: 5 AMPS MAXIMUM
- OPERATING TEMPERATURE: -40°C TO 85°C
- TOLERANCE UNLESS INDICATED OTHERWISE: ±.005 [0.13]



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

|                               |                    |
|-------------------------------|--------------------|
| DRAWN K. LAMBIE               | DATE JUN21/05      |
| DESIGNED                      |                    |
| CHECKED                       |                    |
| I. E. APPRD.                  |                    |
| Q. A. APPRD.                  |                    |
| DWG. APPRD.                   |                    |
| ENG. REL. NO.                 |                    |
| REF. EAR 12758                |                    |
| DIMENSIONS ARE IN INCHES [mm] | CODE ID. NO. 03554 |

|  |                                    |
|--|------------------------------------|
| Amphenol Canada Corp.  |                                    |
| TITLE FCE17 SERIES FILTERED D-SUB CONNECTOR, PIN & SOCKET, SOLDER CUP CONTACTS, RoHS COMPLIANT |                                    |
| DWG C  | DRAWING NO. P-FCE17-XXXXM-XXOX     |
| SCALE 3/1  | WT. ----- SURF. ----- SHEET 1 OF 1 |

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

## Amphenol:

[FCE17-E09SM-250](#) [FCE17-E09SM-2E0](#) [FCE17-A15SM-451](#) [FCE17A15SM690](#) [FCE17B25SM400](#)  
[FCE17E09PM640](#) [FCE17E09PM6D0](#) [FCE17E09SM2D0](#) [FCE17E09SM280](#) [FCE17B25PM490](#) [FCE17A15SM610](#)  
[FCE17B25PM690](#) [FCE17B25SM650](#) [FCE17B25SM2E0](#) [FCE17C37SM680](#) [FCE17E09SM490](#) [FCE17E09SM610](#)  
[FCE17E09PM650](#) [FCE17C37PM450](#) [FCE17C37PM2D0](#) [FCE17C37SM480](#) [FCE17B25PM640](#) [FCE17C37PM250](#)  
[FCE17E09PM200](#) [FCE17E09PM400](#) [FCE17C37PM6D0](#) [FCE17B25PM650](#) [FCE17C37PM200](#) [FCE17E09SM680](#)  
[FCE17B25SM480](#) [FCE17B25SM200](#) [FCE17E09PM680](#) [FCE17E09PM610](#) [FCE17B25SM4D0](#) [FCE17E09PM2D0](#)  
[FCE17B25SM440](#) [FCE17C37PM410](#) [FCE17E09SM480](#) [FCE17A15SM280](#) [FCE17A15SM480](#) [FCE17B25SM680](#)  
[FCE17C37PM680](#) [FCE17E09SM640](#) [FCE17C37PM480](#) [FCE17B25PM6E0](#) [FCE17B25SM410](#) [FCE17B25SM6E0](#)  
[FCE17A15SM4D0](#) [FCE17B25SM2D0](#) [FCE17C37SM6D0](#) [FCE17C37SM280](#) [FCE17C37PM2E0](#) [FCE17E09PM450](#)  
[FCE17B25SM690](#) [FCE17A15SM6D0](#) [FCE17C37PM210](#) [FCE17A15SM6E0](#) [FCE17B25PM400](#) [FCE17C37SM640](#)  
[FCE17B25SM600](#) [FCE17C37PM4E0](#) [FCE17C37PM4D0](#) [FCE17B25SM280](#) [FCE17C37SM600](#) [FCE17E09PM600](#)  
[FCE17E09SM4E0](#) [FCE17B25PM480](#) [FCE17A15SM2E0](#) [FCE17A15SM400](#) [FCE17A15SM250](#) [FCE17C37SM610](#)  
[FCE17E09PM480](#) [FCE17E09SM4D0](#) [FCE17A15SM290](#) [FCE17E09SM200](#) [FCE17B25PM450](#) [FCE17B25SM610](#)  
[FCE17B25PM2D0](#) [FCE17B25PM600](#) [FCE17E09PM280](#) [FCE17-C37SM-390](#) [FCE17-E09PM-4E1](#)