

| REVISIONS |                            |          |        |
|-----------|----------------------------|----------|--------|
| REV       | ECN, ERN NO.               | DATE     | APPRD. |
| D         | PRODUCT DRAWING (EAR13571) | JUL24/09 | 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 MICROINCHES [0.38 MICRONS] GOLD ON MATING AREA  
G=50 MICROINCHES [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  
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

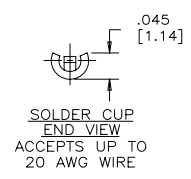
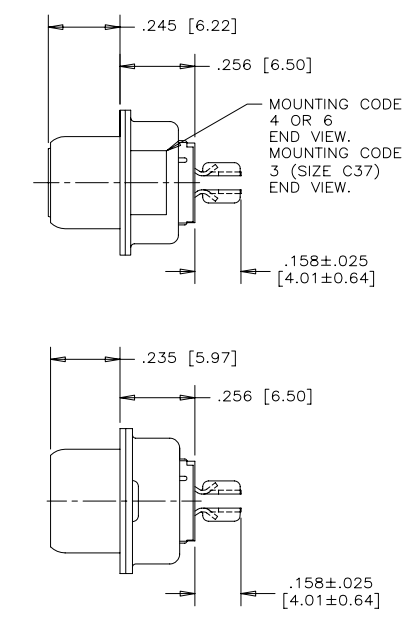
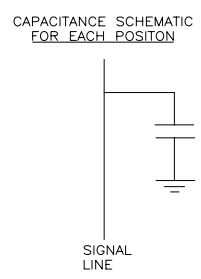
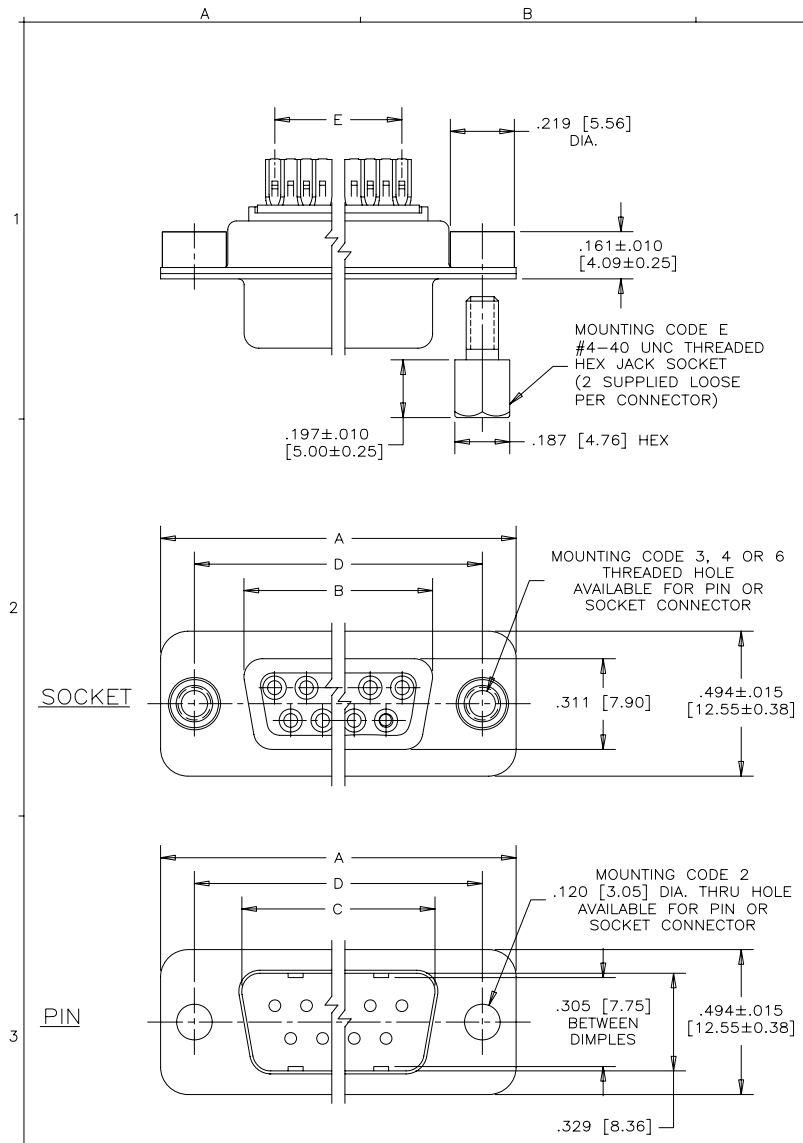
MOUNTING  
2=.120 [3.05] DIA THROUGH HOLE  
3=#4-40 UNC SELF-LOCKING THREAD  
4=#4-40 UNC THREAD  
6=M3 x 0.5 THREAD  
E=CODE 4 MOUNTING WITH #4-40 UNC HEX JACK SOCKETS SUPPLIED



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]

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



| 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] | -----         | -----         | -----         |

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