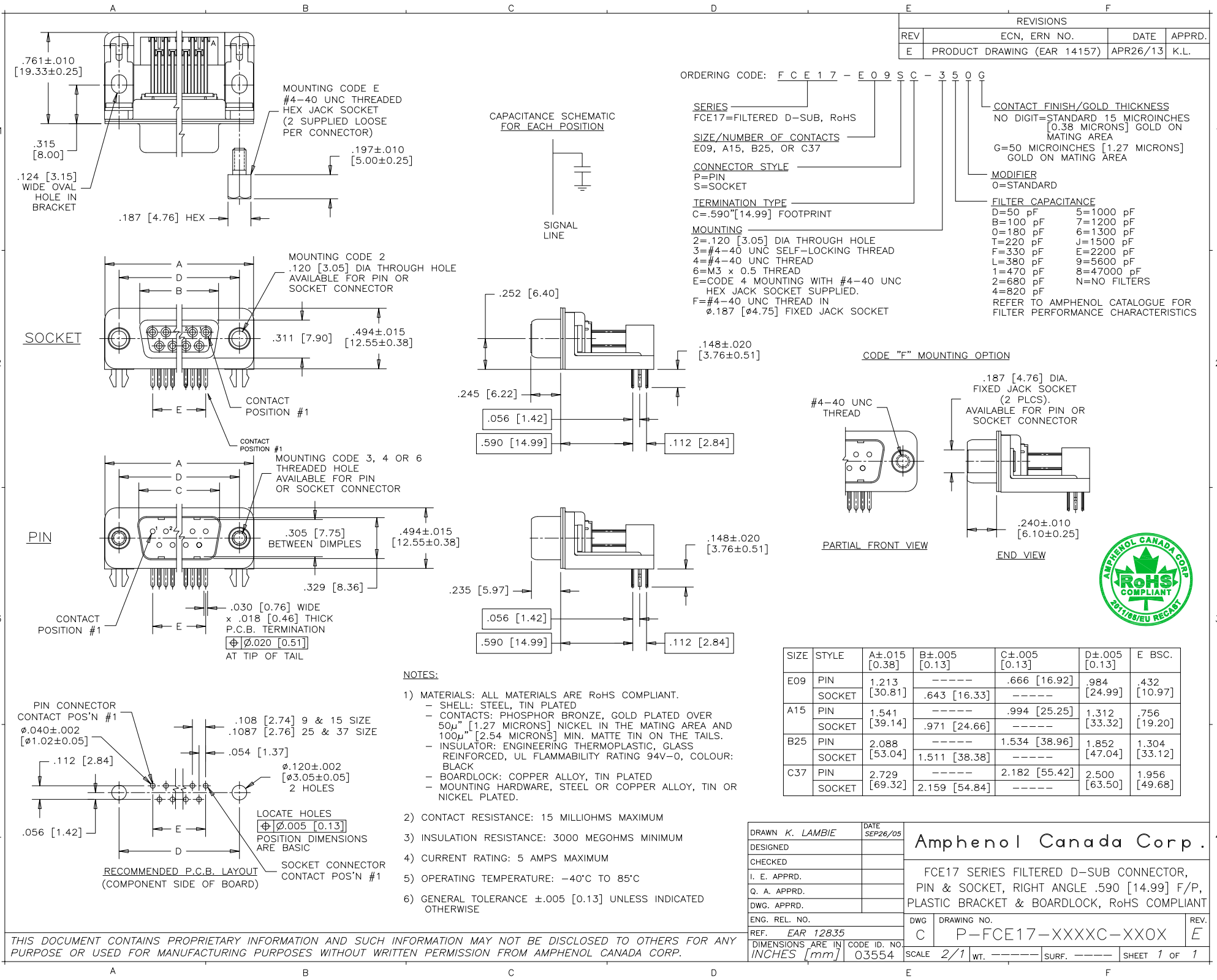




| REVISIONS |                             |          |        |
|-----------|-----------------------------|----------|--------|
| REV       | ECN, ERN NO.                | DATE     | APPRD. |
| E         | PRODUCT DRAWING (EAR 14157) | APR26/13 | K.L.   |

ORDERING CODE: F C E 1 7 - E 0 9 S C - 3 5 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  
C=.590"[14.99] FOOTPRINT

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 SOCKET SUPPLIED.  
F=#4-40 UNC THREAD IN  
Ø.187 [Ø4.75] FIXED JACK SOCKET

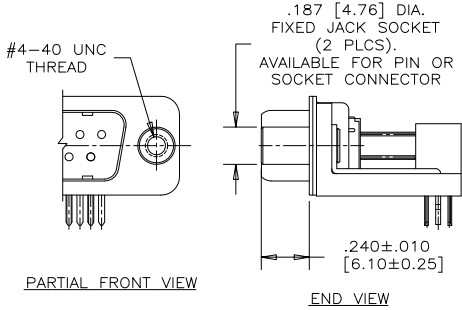
CONTACT FINISH/GOLD THICKNESS  
NO DIGIT=STANDARD 15 MICROINCHES  
[0.38 MICRONS] GOLD ON  
MATING AREA  
G=50 MICROINCHES [1.27 MICRONS]  
GOLD ON MATING AREA

MODIFIER  
0=STANDARD

FILTER CAPACITANCE  
D=50 pF 5=1000 pF  
B=100 pF 7=1200 pF  
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

CODE "F" MOUNTING OPTION



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

NOTES:

- 1) MATERIALS: ALL MATERIALS ARE RoHS COMPLIANT.
  - SHELL: STEEL, TIN PLATED
  - CONTACTS: PHOSPHOR BRONZE, GOLD PLATED OVER 50µ" [1.27 MICRONS] NICKEL IN THE MATING AREA AND 100µ" [2.54 MICRONS] MIN. MATTE TIN ON THE TAILS.
  - INSULATOR: ENGINEERING THERMOPLASTIC, GLASS REINFORCED, UL FLAMMABILITY RATING 94V-0, COLOUR: BLACK
  - BOARDLOCK: COPPER ALLOY, TIN PLATED
  - 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) GENERAL TOLERANCE ±.005 [0.13] UNLESS INDICATED OTHERWISE

|                               |                    |
|-------------------------------|--------------------|
| DRAWN K. LAMBIE               | DATE SEP26/05      |
| DESIGNED                      |                    |
| CHECKED                       |                    |
| I. E. APPRD.                  |                    |
| Q. A. APPRD.                  |                    |
| DWG. APPRD.                   |                    |
| ENG. REL. NO.                 |                    |
| REF. EAR 12835                |                    |
| DIMENSIONS ARE IN INCHES [mm] | CODE ID. NO. 03554 |

|                                                                                                                                |                                |             |              |
|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------|--------------|
| Amphenol Canada Corp.                                                                                                          |                                |             |              |
| FCE17 SERIES FILTERED D-SUB CONNECTOR, PIN & SOCKET, RIGHT ANGLE .590 [14.99] F/P, PLASTIC BRACKET & BOARDLOCK, RoHS COMPLIANT |                                |             |              |
| DWG C                                                                                                                          | DRAWING NO. P-FCE17-XXXXC-XXOX | REV. E      |              |
| SCALE 2/1                                                                                                                      | WT. -----                      | SURF. ----- | SHEET 1 of 1 |

# Mouser Electronics

Authorized Distributor

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[FCE17A15SC4EB](#) [FCE17B25SC210](#) [FCE17B25PC24B](#) [FCE17E09PC64B](#) [FCE17E09SC49B](#) [FCE17A15PC210](#)  
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