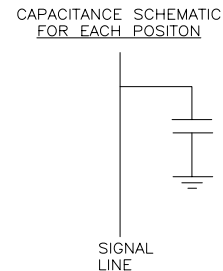
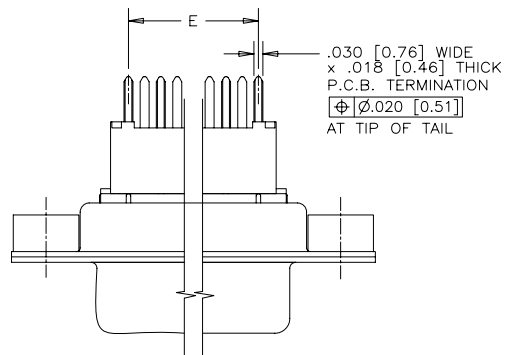


| REVISIONS |                             |          |        |
|-----------|-----------------------------|----------|--------|
| REV       | ECN, ERN NO.                | DATE     | APPRD. |
| C         | PRODUCT DRAWING (EAR 13733) | JUN23/10 | K.L.   |



ORDERING CODE: F C E 1 7 - E 0 9 P N - 2 E 0 G

SERIES  
FCE17=FILTERED D-SUB, RoHS

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

CONNECTOR STYLE  
P=PIN  
S=SOCKET

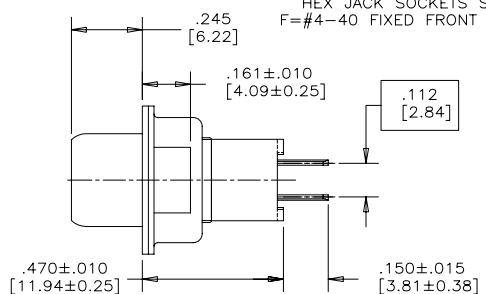
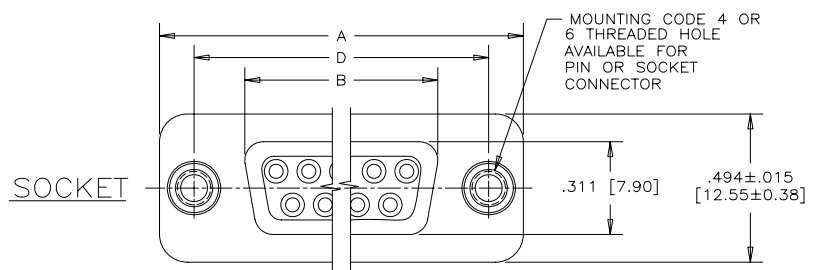
TERMINATION TYPE  
N=VERTICAL MOUNT PC TAIL,  
.470 [11.94] FLANGE TO BOARD

MOUNTING  
2=120[3.05] DIA THROUGH HOLE  
3=#4-40 UNC SELF-LOCKING THREAD  
4=#4-40 UNC THREAD  
5=#4-40 THREADED STANDOFF  
6=M3 x 0.5 THREAD  
A=#4-40 THREADED STANDOFF  
WITH BOARDLOCK  
E=CODE 4 MOUNTING WITH #4-40 UNC  
HEX JACK SOCKETS SUPPLIED  
F=#4-40 FIXED FRONT JACK SOCKETS

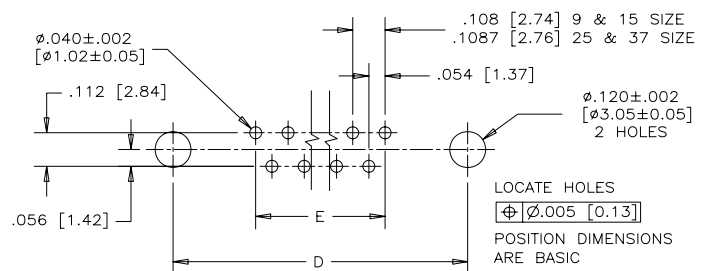
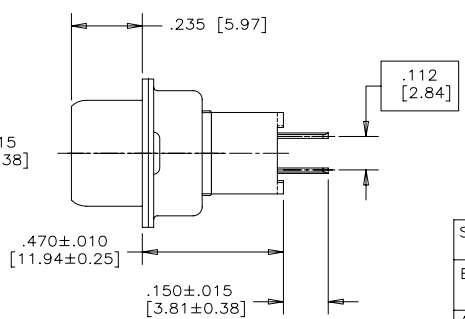
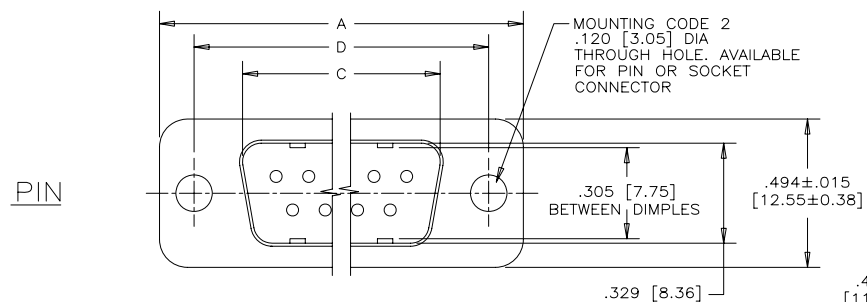
CONTACT FINISH/GOLD THICKNESS  
NO DIGIT=STANDARD 15 MICROINCHES  
[0.38 MICRONS] GOLD ON  
MATING AREA  
G=50 MICROINCHES [1.27 MICRONS]  
GOLD ON MATING AREA  
K=30 MICROINCHES [0.76 MICRONS]  
GOLD ON MATING AREA

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



- 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) TOLERANCE ±.005 [0.13] UNLESS INDICATED OTHERWISE.



| 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 A.CHENG                  |  | DATE JAN12/06 |  | <b>Amphenol Canada Corp.</b><br><br>FCE17 SERIES FILTERED D-SUB CONNECTOR, PIN & SOCKET, VERTICAL MOUNT P.C.B. TAIL, .470 [11.94] FLANGE TO BOARD, RoHS COMPLIANT |  |
| DESIGNED                       |  |               |  |                                                                                                                                                                   |  |
| CHECKED K.LAMBIE               |  | JAN12/06      |  |                                                                                                                                                                   |  |
| I. E. APPRD.                   |  |               |  |                                                                                                                                                                   |  |
| Q. A. APPRD.                   |  |               |  |                                                                                                                                                                   |  |
| DWG. APPRD.                    |  |               |  | DWG DRAWING NO.                                                                                                                                                   |  |
| ENG. REL. NO.                  |  |               |  | C P-FCE17-XXXXN-XX0X C                                                                                                                                            |  |
| REF. EAR 12900                 |  |               |  | REV.                                                                                                                                                              |  |
| DIMENSIONS ARE IN CODE ID. NO. |  |               |  | C                                                                                                                                                                 |  |
| INCHES [mm]                    |  | 03554         |  | SCALE 3/1 WT. ----- SURF. ----- SHEET 1 of 2                                                                                                                      |  |

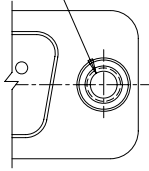
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SEE SHEET 2 FOR ADDITIONAL MOUNTING OPTIONS

ADDITIONAL MOUNTING OPTIONS AVAILABLE  
FOR PIN OR SOCKET CONNECTOR

| REVISIONS |                             |          |        |
|-----------|-----------------------------|----------|--------|
| REV       | ECN, ERN NO.                | DATE     | APPRD. |
| C         | PRODUCT DRAWING (EAR 13733) | JUN23/10 | K.L.   |

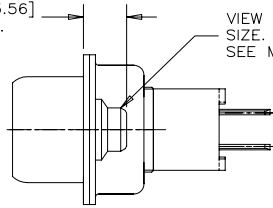
#4-40 UNC  
SELF-LOCKING  
THREAD



PARTIAL FRONT VIEW

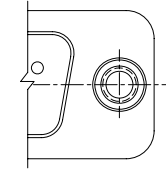
MOUNTING CODE 3

.140 [3.56]  
MAX.



END VIEW

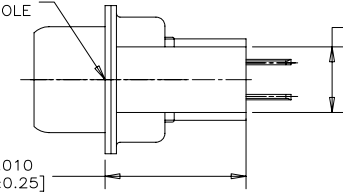
VIEW FOR E09, A15 & B25  
SIZE. FOR C37 SIZE VIEW  
SEE MOUNTING CODE 4, SHEET 1.



PARTIAL FRONT VIEW

MOUNTING CODE 5

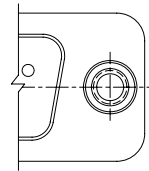
4-40 THREADED  
THROUGH HOLE



END VIEW

.219 [5.56]  
DIA. STANDOFF

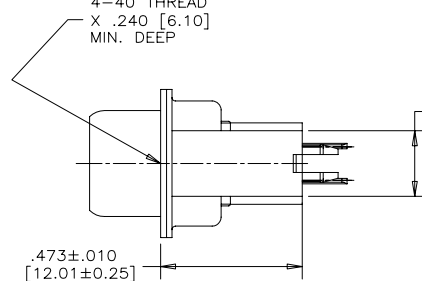
.470±.010  
[11.94±0.25]



PARTIAL FRONT VIEW

MOUNTING CODE A

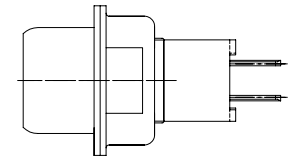
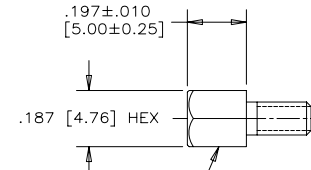
4-40 THREAD  
X .240 [6.10]  
MIN. DEEP



END VIEW

.219±.010  
[5.56±0.25]  
DIA. STANDOFF  
WITH BOARDLOCK

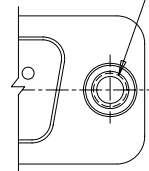
.473±.010  
[12.01±0.25]



END VIEW

MOUNTING CODE E  
#4-40 UNC THREADED  
HEX JACK SOCKET  
(2 SUPPLIED  
PER CONNECTOR)

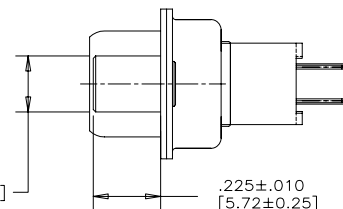
MOUNTING CODE E



PARTIAL FRONT VIEW

MOUNTING CODE F

#4-40 UNC THREADED  
THROUGH HOLE



END VIEW

.187±.005  
[4.75±0.13]  
DIA

.225±.010  
[5.72±0.25]



|                   |           |              |          |
|-------------------|-----------|--------------|----------|
| DRAWN             | A.CHENG   | DATE         | JAN12/06 |
| DESIGNED          |           |              |          |
| CHECKED           | K.LAMBIE  | JAN12/06     |          |
| I. E. APPRD.      |           |              |          |
| Q. A. APPRD.      |           |              |          |
| DWG. APPRD.       |           |              |          |
| ENG. REL. NO.     |           |              |          |
| REF.              | EAR 12900 |              |          |
| DIMENSIONS ARE IN | INCHES    | CODE ID. NO. | 03554    |

Amphenol Canada Corp.

FCE17 SERIES FILTERED D-SUB CONNECTOR,  
PIN & SOCKET, VERTICAL MOUNT P.C.B. TAIL,  
.470 [11.94] FLANGE TO BOARD, RoHS COMPLIANT

|     |                    |      |
|-----|--------------------|------|
| DWG | DRAWING NO.        | REV. |
| C   | P-FCE17-XXXXN-XX0X | C    |

|       |     |     |       |       |       |       |        |
|-------|-----|-----|-------|-------|-------|-------|--------|
| SCALE | 3/1 | WT. | ----- | SURF. | ----- | SHEET | 2 OF 2 |
|-------|-----|-----|-------|-------|-------|-------|--------|

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