

A

B

C

D

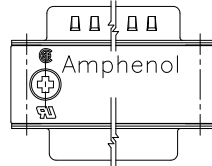
E

F

## REVISIONS

| REV | ECN, ERN NO.                | DATE      | APPRD. |
|-----|-----------------------------|-----------|--------|
| E   | PRODUCT DRAWING (EAR 14498) | NOV11/16  | K.L.   |
| F   | PRODUCT DRAWING (EAR 14579) | JULY19/17 | K.L.   |

AMPHENOL OPTIONAL  
ORIENTATION OF MARKING  
RELATIVE TO PIN/SOCKET  
ENDS



ORDERING CODE: F C E 1 7 - B 2 5 A D - 4 0 0 G

## SERIES

FCE17=FILTERED D-SUB, RoHS

## SIZE/NUMBER OF CONTACTS

E09, A15, B25, OR C37

## CONNECTOR STYLE

AD=PIN/SOCKET ADAPTER

## MOUNTING

2=.120 [3.05] DIA. THROUGH HOLE

WITH #4-40 MOUNTING POST

4=#4-40 UNC THREAD

6=M3 x 0.5 THREAD

K=.120 [3.05] DIA. THROUGH HOLE

WITH M3 x 0.5 MOUNTING POST

## 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

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

CONTACT  
POSITION #1

## MOUNTING CODE 4

4-40 UNC THREAD

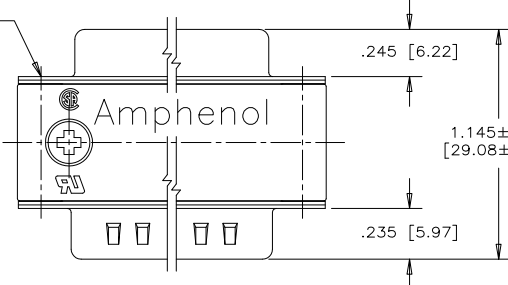
OR

## MOUNTING CODE 6

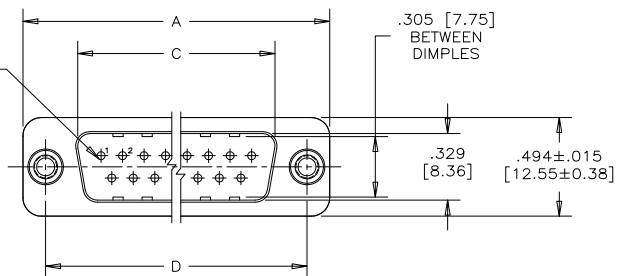
M3 x 0.5 THREAD

X .240 [6.10] MIN.

DEEP (4 PLACES)

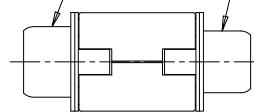


CONTACT  
POSITION #1



PIN  
CONNECTOR

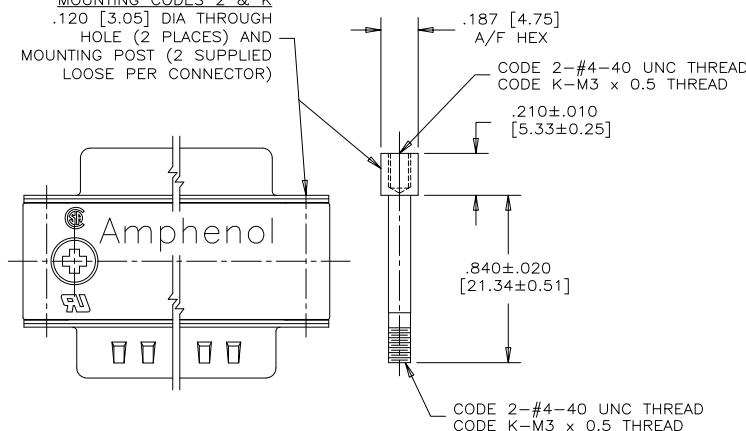
SOCKET  
CONNECTOR



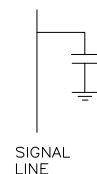
## NOTES:

- MATERIALS: — ALL MATERIALS ARE RoHS COMPLIANT  
— SHELLS: TIN PLATED STEEL  
— CONTACTS: PHOSPHOR BRONZE  
PLATED WITH GOLD OVER 50μ" [1.27 MICRONS]  
NICKEL ON MATING AREA. SEE ORDERING CODE.  
— INSULATOR: ENGINEERING THERMOPLASTIC, GLASS  
REINFORCED, FLAMMABILITY RATING UL94V-0, BLACK.  
— OUTSIDE SHELLS: ZINC DIECAST, NICKEL PLATED  
— MOUNTING HARDWARE: STEEL OR COPPER ALLOY,  
TIN OR NICKEL PLATED
- CONTACT RESISTANCE: 30 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].

MOUNTING CODES 2 & K  
.120 [3.05] DIA THROUGH  
HOLE (2 PLACES) AND  
MOUNTING POST (2 SUPPLIED  
LOOSE PER CONNECTOR)



CAPACITANCE SCHEMATIC  
FOR EACH POSITION



SIGNAL  
LINE

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

|                               |                    |
|-------------------------------|--------------------|
| DRAWN S.BUENAVIDES            | DATE DEC08/05      |
| DESIGNED                      |                    |
| CHECKED K.LAMBIE              | DEC08/05           |
| I. E. APPRD.                  |                    |
| Q. A. APPRD.                  |                    |
| DWG. APPRD.                   |                    |
| ENG. REL. NO.                 |                    |
| REF. EAR 14579                |                    |
| DIMENSIONS ARE IN INCHES [mm] | CODE ID. NO. 03554 |

Amphenol Canada Corp.

FCE17 SERIES FILTERED D-SUB  
CONNECTOR, MALE/FEMALE  
ADAPTER, RoHS COMPLIANT

|              |                                |             |
|--------------|--------------------------------|-------------|
| DWG C        | DRAWING NO. P-FCE17-XXXAD-XX0X | REV. F      |
| SCALE 2/1    | 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.

