

A

B

C

D

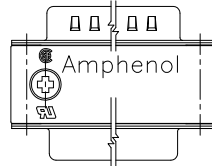
E

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

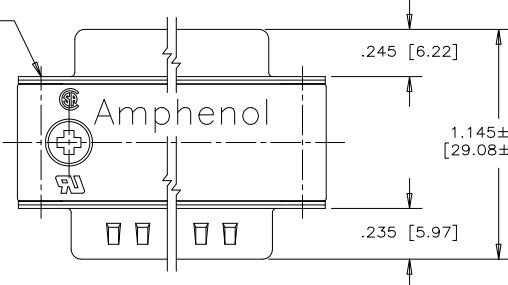
OR

MOUNTING CODE 6

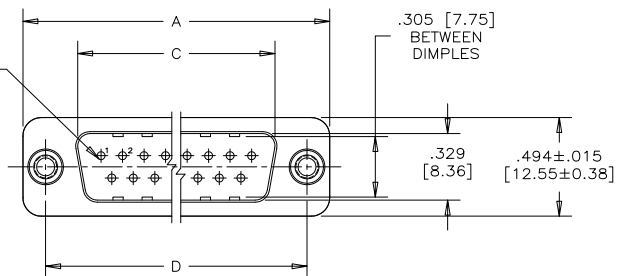
M3 x 0.5 THREAD

X .240 [6.10] MIN.

DEEP (4 PLACES)

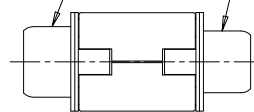


CONTACT
POSITION #1



PIN
CONNECTOR

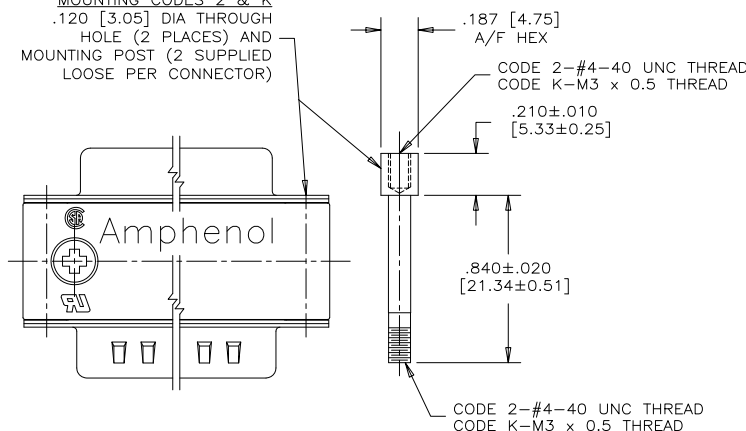
SOCKET
CONNECTOR



NOTES:

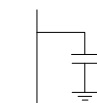
- MATERIALS: — ALL MATERIALS ARE RoHS COMPLIANT
— SHELLS: TIN PLATED STEEL
— CONTACTS: PHOSPHOR BRONZE
PLATED WITH GOLD OVER 50μ" [1.27 MICRONS]
NICKEL ON MATING AREA. SEE ORDERING CODE.
— INSULATOR: ENGINEERING THERMOPLASTIC, GLASS
REINFORCED, FLAMMABILITY RATING UL94V-0, BLACK.
— OUTSIDE SHELLS: ZINC 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 [0.38]	B±.005 [0.13]	C±.005 [0.13]	D±.005 [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		

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A

B

C

D

E

F