

REVISIONS			
REV	ECN, ERN NO.	DATE	APPRD.
D	PRODUCT DRAWING (EAR 14498)	NOV11/16	K.L.

ORDERING CODE: F C E 1 7 - E 0 9 P C - 4 9 F 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

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
F=NO MOUNTING BRACKET OR
BOARDLOCK, ALIGNMENT STRIP ONLY

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

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]

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 K. LAMBIE	DATE JAN05/09
DESIGNED	
CHECKED	
I. E. APPRD.	
Q. A. APPRD.	
DWG. APPRD.	
ENG. REL. NO.	
REF. EAR 13443	
DIMENSIONS ARE IN INCHES [mm]	CODE ID. NO. 03554

Amphenol Canada Corp.

TITLE
FCE17 SERIES FILTERED D-SUB CONNECTOR,
PIN & SOCKET, RIGHT ANGLE .590 [14.99] F/P,
NO MOUNTING BRACKET, RoHS COMPLIANT

DWG	DRAWING NO.	REV.
C	P-FCE17-XXXXC-XXFX	D
SCALE	3/1	WT. -----
SURF.	-----	SHEET 1 OF 1

CAPACITANCE SCHEMATIC
FOR EACH POSITION

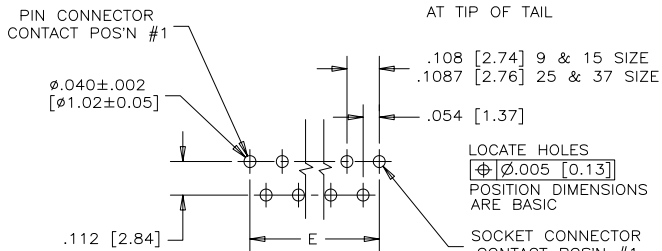
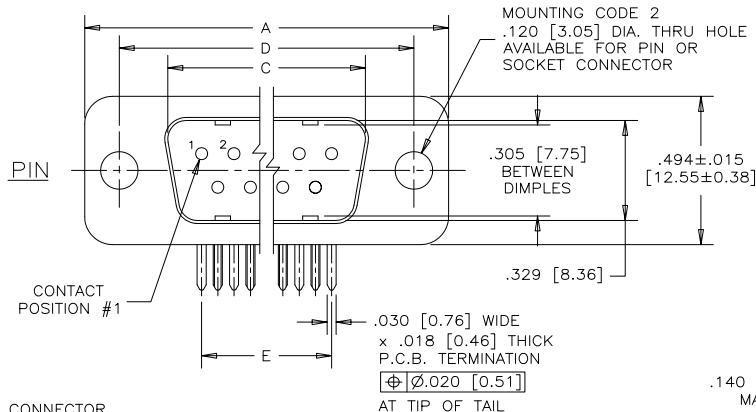
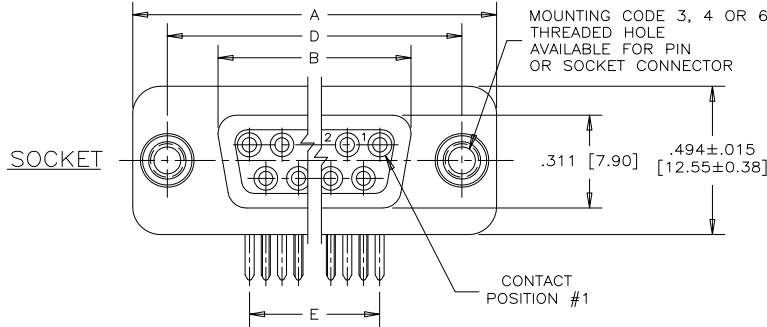
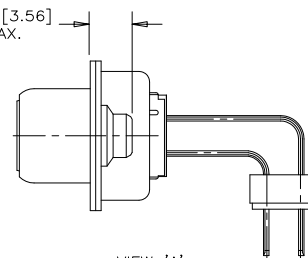
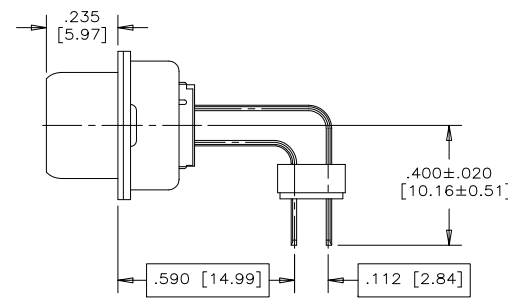
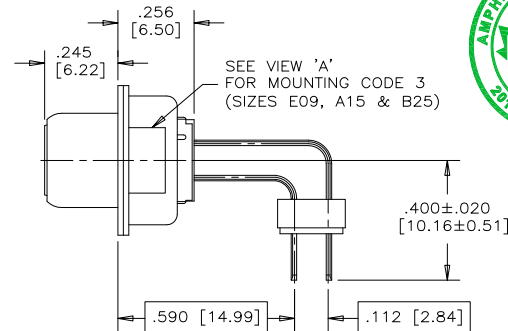
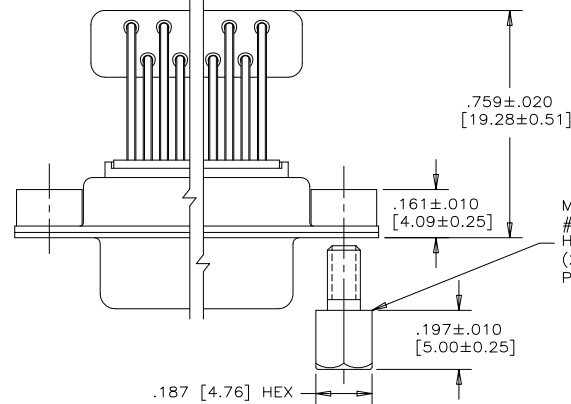
SIGNAL
LINE

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

SEE VIEW 'A'
FOR MOUNTING CODE 3
(SIZES E09, A15 & B25)

.140 [3.56]
MAX.

VIEW 'A'
MOUNTING CODE 3
END VIEW FOR E09, A15 & B25 SIZE
(FOR C37 SIZE END VIEW
SEE MOUNTING CODE 4)



RECOMMENDED P.C.B. LAYOUT
(COMPONENT SIDE OF BOARD)

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Mouser Electronics

Authorized Distributor

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[FCE17-B25SC-4E0](#) [FCE17A15SC41B](#) [FCE17C37PC200](#) [FCE17B25SC440](#) [FCE17C37SC2DB](#) [FCE17A15PC4DB](#)
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[FCE17A15PC450](#) [FCE17C37SC69B](#) [FCE17C37PC240](#) [FCE17B25PC20B](#) [FCE17E09SC650](#) [FCE17E09PC6D0](#)
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