

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 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 MICRONS  
[0.38 MICRONS] GOLD ON MATING AREA  
G=50 MICRONS [1.27 MICRONS] GOLD ON MATING AREA  
K=30 MICRONS [0.76 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



**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]	-----	-----	-----



SEE SHEET 2 FOR ADDITIONAL MOUNTING OPTIONS

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

DRAWN	A.CHENG	DATE	JAN12/06
DESIGNED			
CHECKED	K.LAMBIE	DATE	JAN12/06
I. E. APPRD.			
Q. A. APPRD.			
DWG. APPRD.			
ENG. REL. NO.			
REF.	EAR 12900		
DIMENSIONS ARE IN INCHES [mm]		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

ENG. REL. NO.		DWG	DRAWING NO.	REV.
REF.	EAR 12900	C	P-FCE17-XXXXN-XXOX	D
DIMENSIONS ARE IN INCHES [mm]		SCALE	3/1	WT. -----
		SURF.	-----	SHEET 1 of 2

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ADDITIONAL MOUNTING OPTIONS AVAILABLE FOR PIN OR SOCKET CONNECTOR

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#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

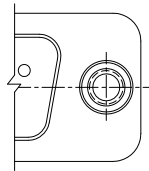


END VIEW

.219 [5.56] DIA. STANDOFF

.470±.010 [11.94±0.25]

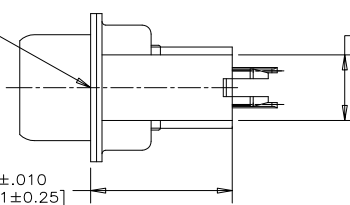
2



PARTIAL FRONT VIEW

MOUNTING CODE A

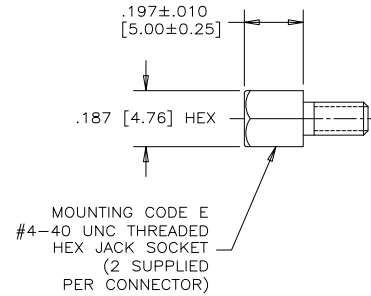
4-40 THREAD X .240 [6.10] MIN. DEEP



END VIEW

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

.473±.010 [12.01±0.25]



END VIEW

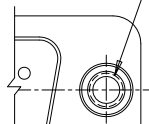
MOUNTING CODE E

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

.197±.010 [5.00±0.25]

.187 [4.76] HEX

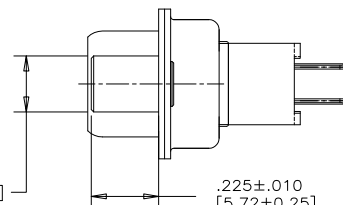
3



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]



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DESIGNED			
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Q. A. APPRD.			
DWG. APPRD.			
ENG. REL. NO.			
REF.	EAR 12900		
DIMENSIONS ARE IN	INCHES [mm]	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-XXOX	D	
SCALE	3/1	WT.	-----
SURF.	-----	SHEET	2 OF 2

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A

B

C

D

E

F



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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