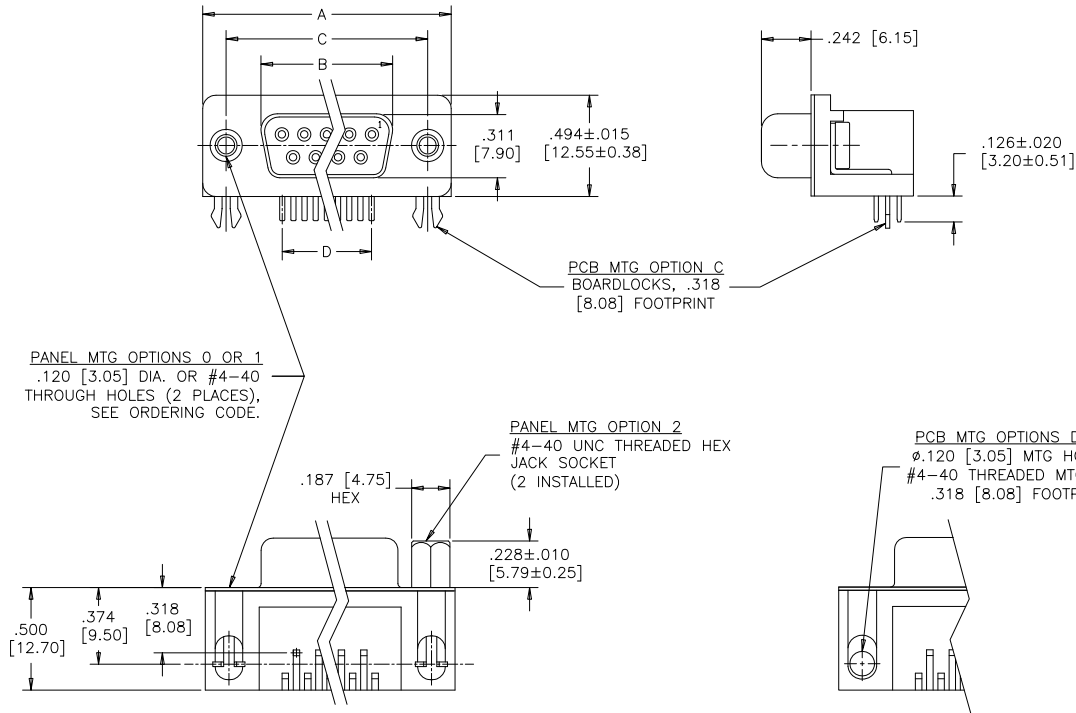


.318 [8.08] FOOTPRINT
(STANDARD PCB LAYOUT)

REVISIONS			
REV	ECN, ERN NO.	DATE	APPRD.
C	PRODUCT DRAWING (EAR 14576)	JULY18/17	K.L.
D	PRODUCT DRAWING (EAR 14658)	MAY07/18	K.L.



DIMENSIONS

SIZE	A±.015 [0.38]	B±.005 [0.13]	C±.005 [0.13]	D BSC.
009	1.213 [30.81]	.643 [16.33]	.984 [24.99]	.432 [10.97]
015	1.541 [39.14]	.971 [24.66]	1.312 [33.32]	.756 [19.20]
025	2.088 [53.04]	1.511 [38.38]	1.852 [47.04]	1.304 [33.12]
037	2.729 [69.32]	2.159 [54.84]	2.500 [63.50]	1.956 [49.68]



ORDERING CODE:

PART NUMBER: 6 E 1 7 X - X X X S X X - X 2 0 X

SERIES

PCB MTG OPTIONS

C=BOARDLOCK OPTION, .318 [8.08] FOOTPRINT
D=Ø.120 [3.05] MTG HOLE, .318 [8.08] FOOTPRINT
J=#4-40 THREADED MTG HOLE, .318 [8.08] FOOTPRINT
U=Ø.120 [3.05] MTG HOLE, .590 [14.99] FOOTPRINT
Y=BOARDLOCK OPTION, .590 [14.99] FOOTPRINT

NUMBER OF CONTACTS

009, 015, 025, 037

STYLE

S=SOCKET

PCB LAYOUT CODE

NO DIGIT=STANDARD

.374 [9.50] DIM'N FOR .318 [8.08] F/P
.315 [8.00] DIM'N FOR .590 [14.99] F/P
E=.646 [16.41] DIM'N FOR .590 [14.99] F/P

SHELL CHARACTERISTICS

20=NICKEL PLATED RECEPTACLE SHELL

PANEL MOUNTING OPTIONS

0=Ø.120" [3.05] THROUGH HOLE
1=#4-40 THREADED HOLE
2=MOUNTING OPTION 1 WITH #4-40 UNC HEX JACK SOCKETS INSTALLED

CONTACT PLATING OPTIONS

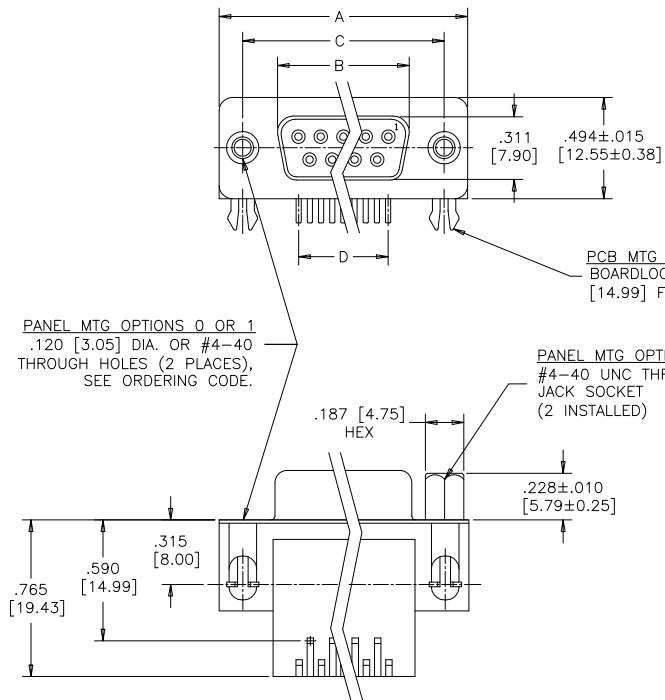
BF=ENGAGEMENT AREA 3µ" [0.08 MICRONS] GOLD FLASH
CF=ENGAGEMENT AREA 15µ" [0.38 MICRONS] GOLD
AJ=ENGAGEMENT AREA 30µ" [0.76 MICRONS] GOLD

SEE SHEET 2 FOR NOTES & SPECIFICATIONS

DRAWN	A.CHENG	DATE	APR13/06	Amphenol Canada Corp.	
DESIGNED					
CHECKED	K.LAMBIE	DATE	APR13/06		
I. E. APPRD.				TITLE	
Q. A. APPRD.				6E17 SERIES D-SUB CONNECTOR, 9 TO 37 SIZE SOCKET, RIGHT ANGLE WITH F/P, MTG AND PLATING OPTIONS, RoHS COMPLIANT	
DWG. APPRD.					
ENG. REL. NO.		DWG	DRAWING NO.	REV.	
REF.	EAR 12937	C	P-6E17X-XXSX-X20X	D	
DIMENSIONS ARE IN	INCHES	CODE ID. NO.	03554	SCALE	2/1
				WT.	
				SURF.	
				SHEET	1 OF 2

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.590 [14.99] FOOTPRINT
(STANDARD PCB LAYOUT)



PANEL MTG OPTIONS 0 OR 1
.120 [3.05] DIA. OR #4-40
THROUGH HOLES (2 PLACES),
SEE ORDERING CODE.

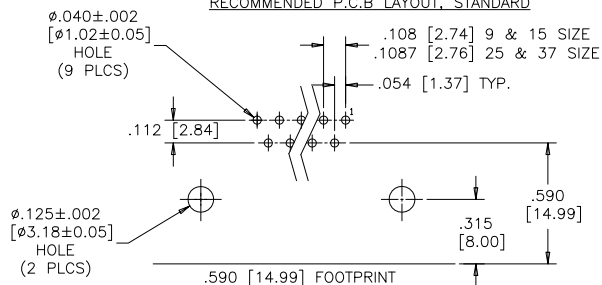
PANEL MTG OPTION 2
#4-40 UNC THREADED HEX
JACK SOCKET
(2 INSTALLED)

PCB MTG OPTION Y
BOARDLOCKS, .590
[14.99] FOOTPRINT



PCB MTG OPTION U
Ø.120 [3.05] MTG HOLE,
.590 [14.99] FOOTPRINT

RECOMMENDED P.C.B LAYOUT, STANDARD



LOCATE HOLES
Ø.005 [0.13]
POSITION
DIMENSIONS ARE
BASIC

DIMENSIONS

SIZE	A±.015 [0.38]	B±.005 [0.13]	C±.005 [0.13]	D BSC.
009	1.213 [30.81]	.643 [16.33]	.984 [24.99]	.432 [10.97]
015	1.541 [39.14]	.971 [24.66]	1.312 [33.32]	.756 [19.20]
025	2.088 [53.04]	1.511 [38.38]	1.852 [47.04]	1.304 [33.12]
037	2.729 [69.32]	2.159 [54.84]	2.500 [63.50]	1.956 [49.68]

SPECIFICATIONS:

MATERIALS: ALL MATERIALS ARE RoHS COMPLIANT

SHELL: STEEL, NICKEL PLATED

INSERTS: HIGH TEMPERATURE RESISTANT NYLON, GLASS
REINFORCED, UL FLAMMABILITY RATING
94V-0, COLOUR: BLACK

CONTACTS: COPPER ALLOY, GOLD PLATING (SEE ORDERING CODE) OVER
50u" [1.27 MICRONS] NICKEL ON ENGAGEMENT AREA WITH
100u" [2.54 MICRONS] MIN. MATTE TIN ON CONTACT
TERMINALS.

BOARDLOCK: COPPER ALLOY, TIN PLATED

ELECTRICAL DATA:

CURRENT RATING: 5 AMP

CONTACT RESISTANCE: 15 MILLIOHMS MAX.

INSULATION RESISTANCE: 3000 MEGOHMS MIN.

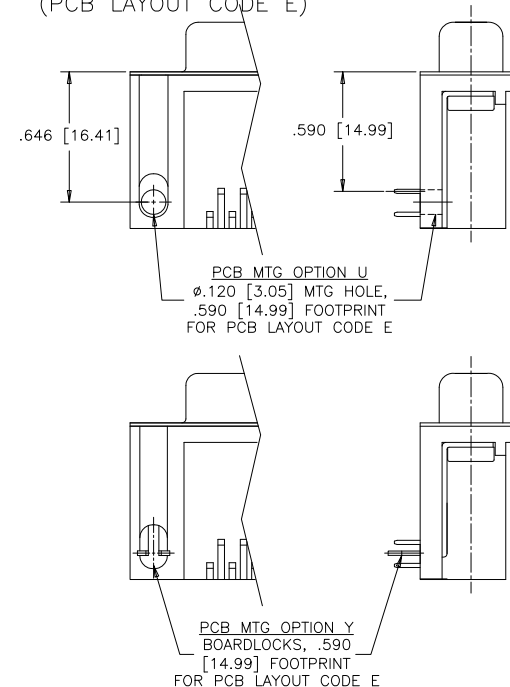
DIELECTRIC
WITHSTANDING VOLTAGE: 1000 VAC rms

OPERATING TEMPERATURE: -55°C TO +105°C

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ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.

REVISIONS			
REV	ECN, ERN NO.	DATE	APPRD.
C	PRODUCT DRAWING (EAR 14576)	JULY18/17	K.L.
D	PRODUCT DRAWING (EAR 14658)	MAY07/18	K.L.

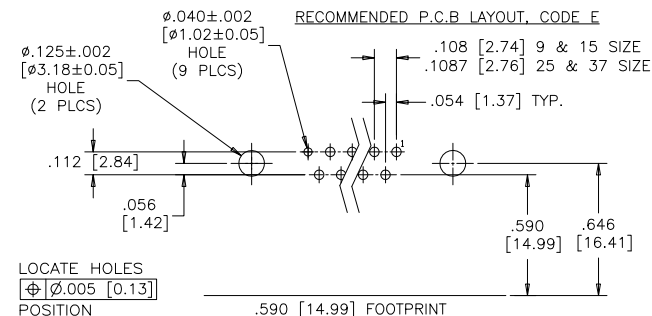
.590 [14.99] FOOTPRINT
(PCB LAYOUT CODE E)



PCB MTG OPTION U
Ø.120 [3.05] MTG HOLE,
.590 [14.99] FOOTPRINT
FOR PCB LAYOUT CODE E

PCB MTG OPTION Y
BOARDLOCKS, .590
[14.99] FOOTPRINT
FOR PCB LAYOUT CODE E

RECOMMENDED P.C.B LAYOUT, CODE E



LOCATE HOLES
Ø.005 [0.13]
POSITION
DIMENSIONS ARE
BASIC

SEE SHEET 1 FOR ORDERING CODE

DRAWN	A.CHENG	DATE	APR13/06
DESIGNED			
CHECKED	K.LAMBIE	DATE	APR13/06
I. E. APPRD.			
Q. A. APPRD.			
DWG. APPRD.			
ENG. REL. NO.			
REF.	EAR 12937		
DIMENSIONS ARE IN	INCHES	CODE ID. NO.	03554

Amphenol Canada Corp.			
TITLE			
6E17 SERIES D-SUB CONNECTOR, 9 TO 37 SIZE SOCKET, RIGHT ANGLE WITH F/P, MTG AND PLATING OPTIONS, RoHS COMPLIANT			
DWG	DRAWING NO.	REV.	
C	P-6E17X-XXSX-X20X	D	
SCALE	2/1	WT.	-----
SURF.	-----	SHEET 2 OF 2	