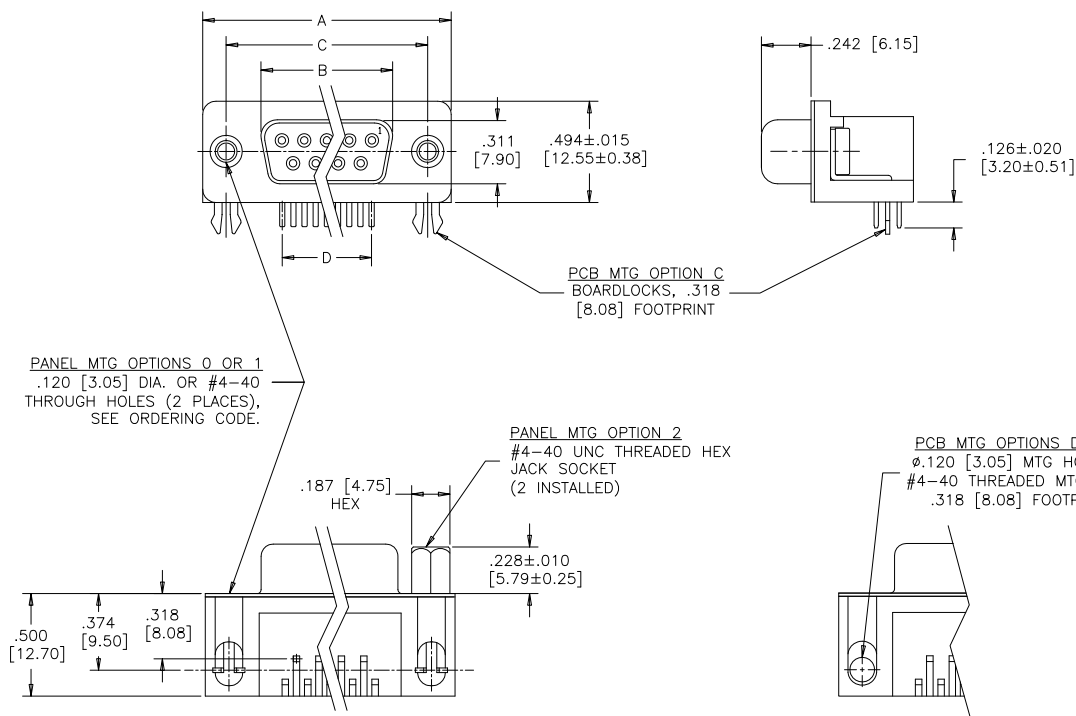


REVISIONS			
REV	ECN, ERN NO.	DATE	APPRD
C	PRODUCT DRAWING (EAR 14576)	JULY18/17	K.L.
D	PRODUCT DRAWING (EAR 14658)	MAY07/18	K.L.



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

NO DIET=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= ϕ .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

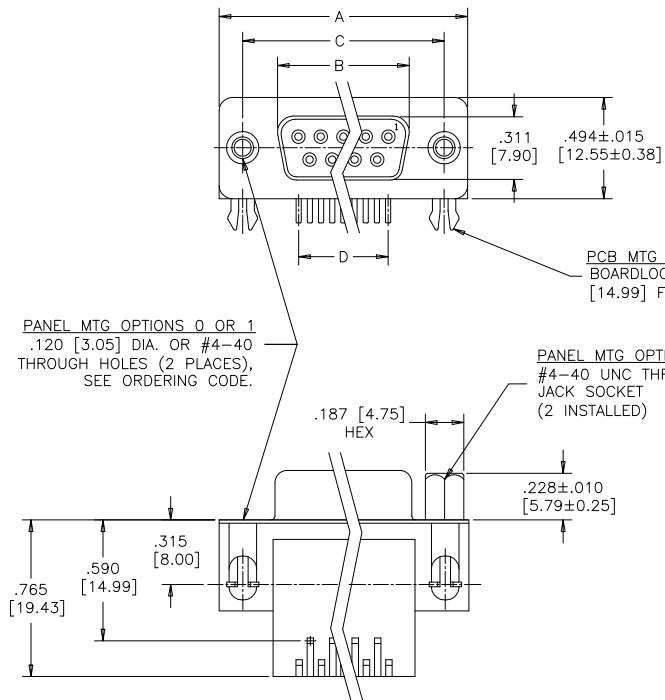
BF=ENGAGEMENT AREA 3μ [0.08 MICRONS] GOLD FLASH
CF=ENGAGEMENT AREA 15μ [0.38 MICRONS] GOLD
AJ=ENGAGEMENT AREA 30μ [0.76 MICRONS] GOLD

SEE SHEET 2 FOR NOTES & SPECIFICATIONS

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

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.

**.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.

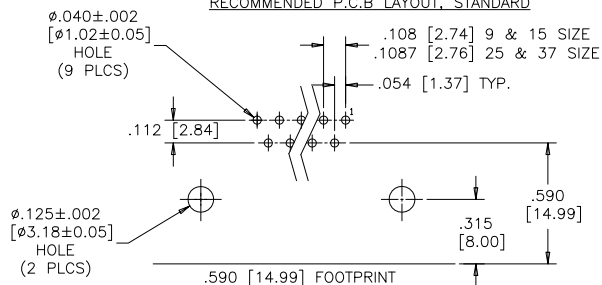
PANEL MTG OPTION 2
#4-40 UNC THREADED HEX
JACK SOCKET
(2 INSTALLED)

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.

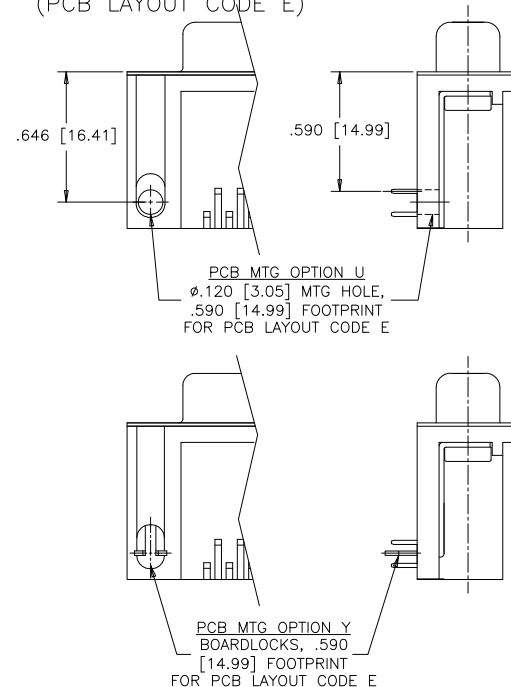
**DIELECTRIC
WITHSTANDING VOLTAGE:** 1000 VAC rms

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

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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.

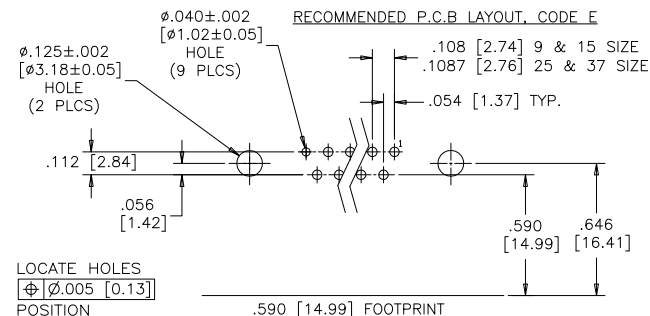
**.590 [14.99] FOOTPRINT
(PCB LAYOUT CODE E)**



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