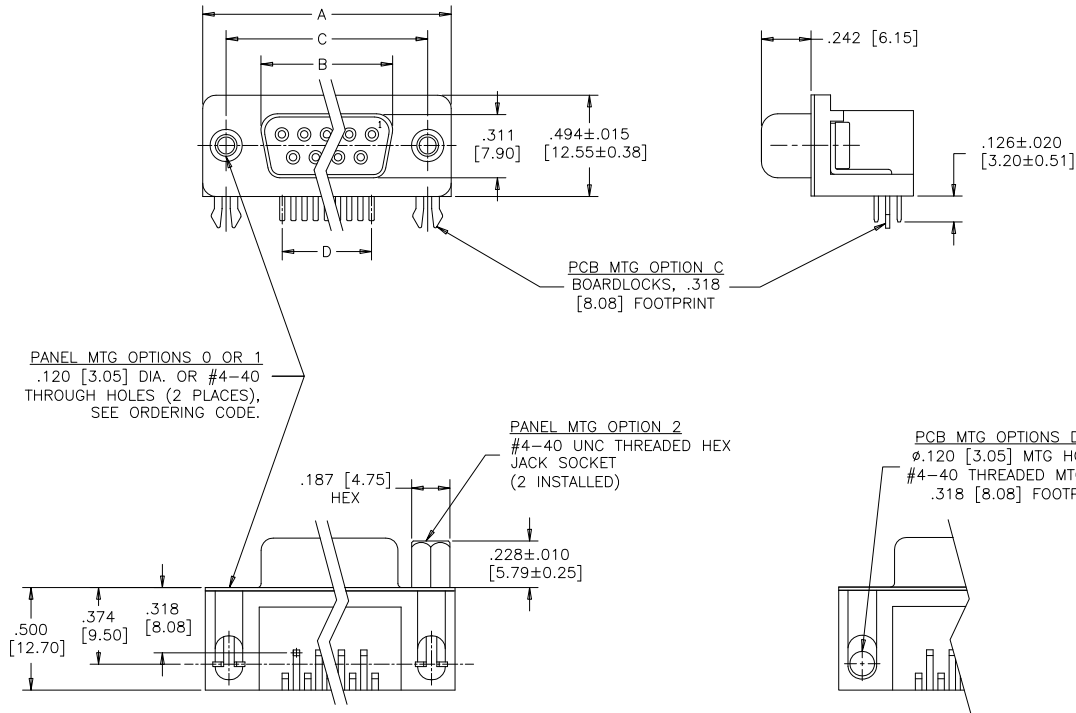


.318 [8.08] FOOTPRINT
(STANDARD PCB LAYOUT)

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

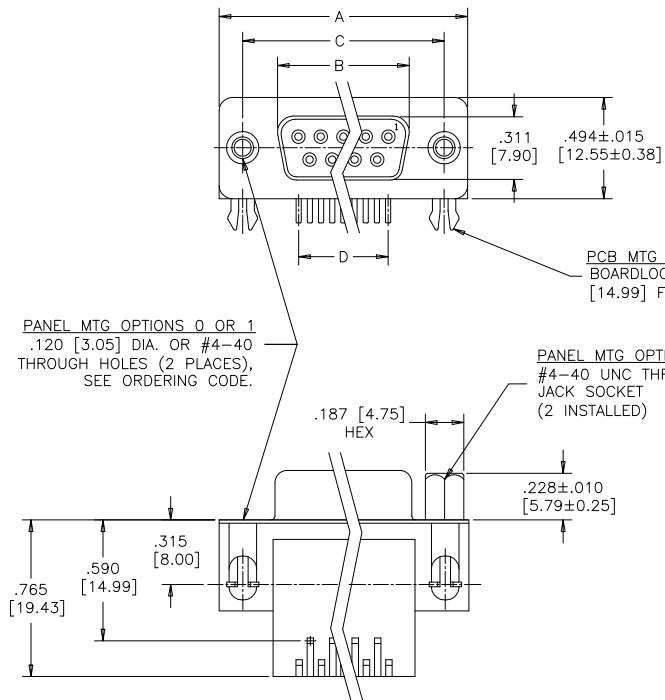
BF=ENGAGEMENT AREA 3µ" [0.08 MICRONS] GOLD FLASH
CF=ENGAGEMENT AREA 15µ" [0.38 MICRONS] GOLD
AJ=ENGAGEMENT AREA 30µ" [0.76 MICRONS] GOLD

SEE SHEET 2 FOR NOTES & SPECIFICATIONS

DRAWN	A.CHENG	DATE	APR13/06	Amphenol Canada Corp.	
DESIGNED					
CHECKED	K.LAMBIE	DATE	APR13/06	TITLE	
I. E. APPRD.					
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.	C	P-6E17X-XXSX-X20X
REF.	EAR 12937				
DIMENSIONS ARE IN	INCHES	CODE ID. NO.	03554	SCALE	2/1
				WT.	
				SURF.	
				SHEET	1 OF 2

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.

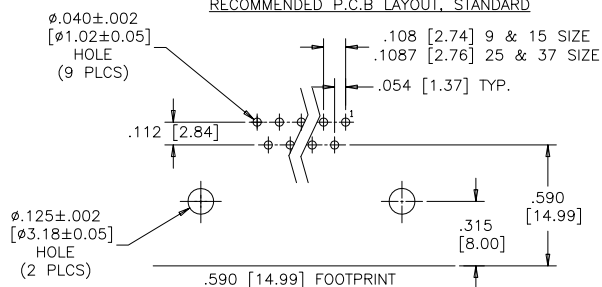
PANEL MTG. OPTION 2
#4-40 UNC THREADED HEX
JACK SOCKET
(2 INSTALLED)

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.

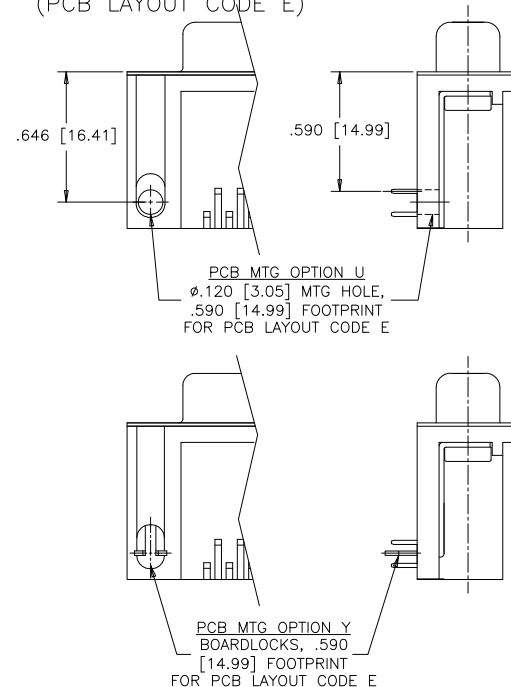
DIELECTRIC
WITHSTANDING VOLTAGE: 1000 VAC rms

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

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.

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.

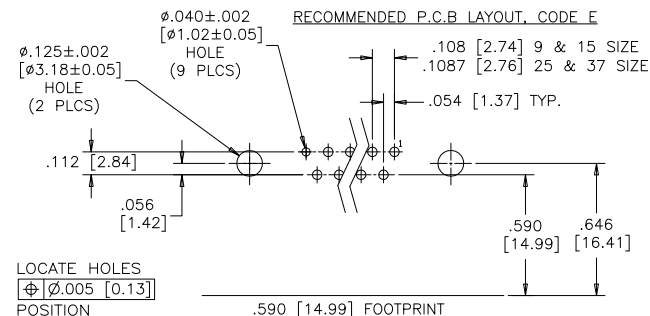
.590 [14.99] FOOTPRINT
(PCB LAYOUT CODE E)



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	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	