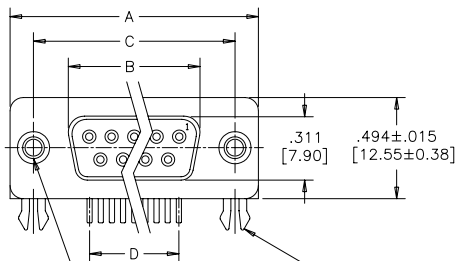
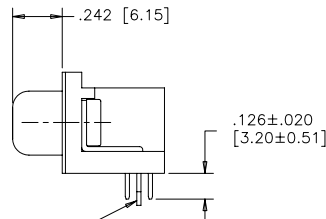


.318 [8.08] FOOTPRINT  
(STANDARD PCB LAYOUT)

| REVISIONS |                             |          |        |
|-----------|-----------------------------|----------|--------|
| REV       | ECN, ERN NO.                | DATE     | APPRD. |
| B         | PRODUCT DRAWING (EAR 12937) | APR28/06 | K.L.   |



PCB MTG. OPTION C  
BOARDLOCKS, .318  
[8.08] FOOTPRINT



DIMENSIONS

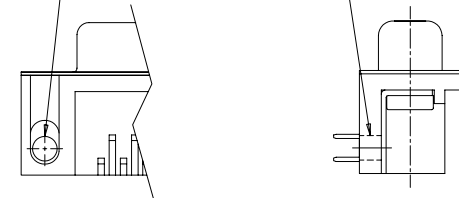
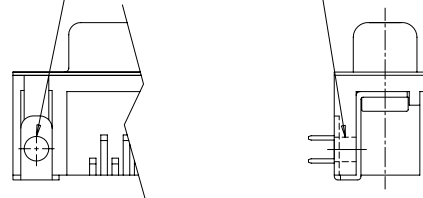
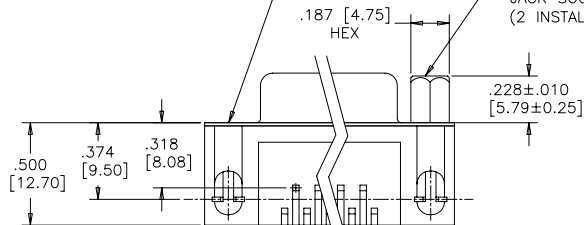
| SIZE | A±.015 [0.38] | B±.005 [0.13] | C±.005 [0.13] | D BSC.        |
|------|---------------|---------------|---------------|---------------|
| 009  | 1.213 [30.81] | .643 [16.33]  | .984 [24.99]  | .432 [10.97]  |
| 015  | 1.541 [39.14] | .971 [24.66]  | 1.312 [33.32] | .756 [19.20]  |
| 025  | 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] |

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 A  
Ø.120 [3.05] MTG HOLE  
WITH WRAP-AROUND  
GROUND STRAP,  
.318 [8.08] FOOTPRINT

PCB MTG. OPTIONS D OR J  
Ø.120 [3.05] MTG HOLE OR  
#4-40 THREADED MTG HOLE,  
.318 [8.08] FOOTPRINT



ORDERING CODE:

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

SERIES

PCB MTG. OPTIONS  
A=Ø.120 [3.05] MTG HOLE WITH  
WRAP-AROUND GROUND STRAP,  
.318 [8.08] FOOTPRINT  
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=TIN 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

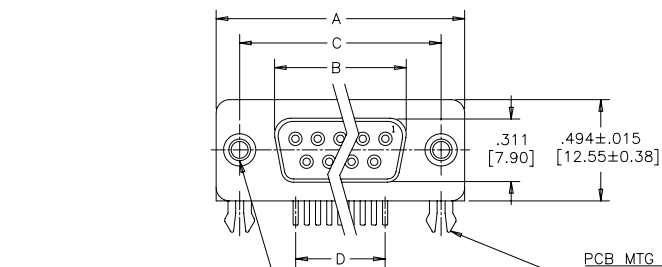
CONTACT PLATING OPTIONS  
BF=ENGAGEMENT AREA 3µ" [0.08 MICRONS] GOLD FLASH  
CF=ENGAGEMENT AREA 15µ" [0.38 MICRONS] GOLD  
AJ=ENGAGEMENT AREA 30µ" [0.76 MICRONS] GOLD

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<br>SIZE SOCKET, RIGHT ANGLE WITH F/P, MTG<br>AND PLATING OPTIONS, RoHS COMPLIANT |                     |
| DWG. APPRD.       |           |              |             |                                                                                                                       |                     |
| ENG. REL. NO.     |           | DWG          | DRAWING NO. | C                                                                                                                     | P-6E17X-XXXSXX-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.

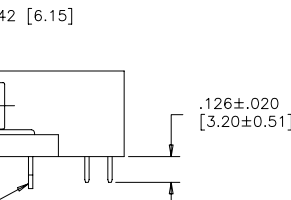
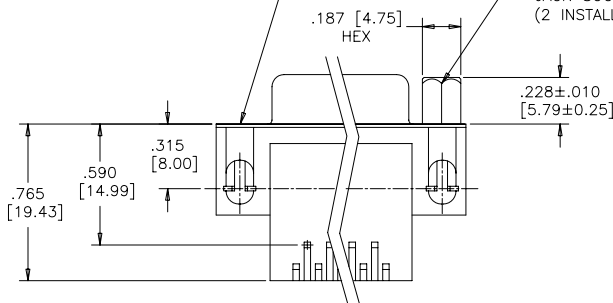
**.590 [14.99] FOOTPRINT**  
(STANDARD PCB LAYOUT)



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

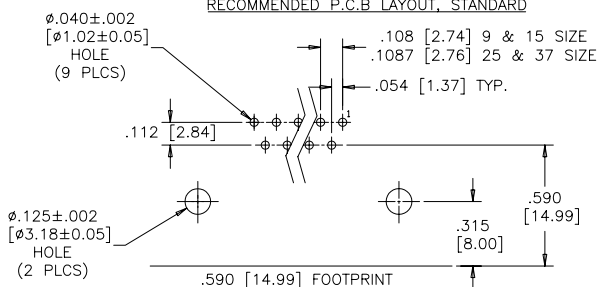
PANEL MTG. OPTIONS 0 OR 1  
.120 [3.05] DIA. OR #4-40  
THROUGH HOLES (2 PLACES),  
SEE ORDERING CODE.

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



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

**SPECIFICATIONS:**

MATERIALS: ALL MATERIALS ARE RoHS COMPLIANT

SHELL: STEEL, TIN 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

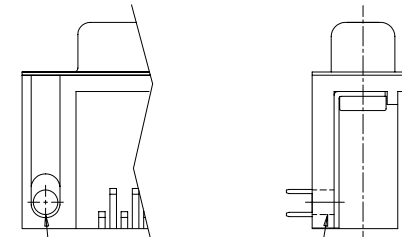
CONTACT RESISTANCE: 15 MILLIOHMS MAX.

INSULATION RESISTANCE: 3000 MEGOHMS MIN.

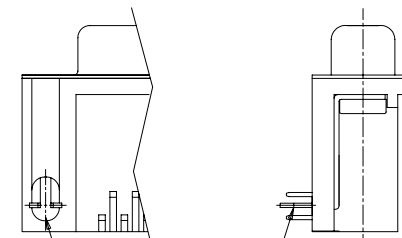
DIELECTRIC  
WITHSTANDING VOLTAGE: 1000 VAC rms

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

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

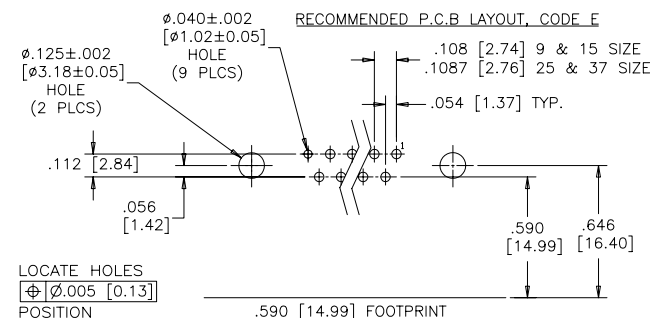


PCB MTG. OPTION U  
Ø.120 [3.05] MTG HOLE,  
.590 [14.99] FOOTPRINT  
FOR PCB LAYOUT CODE E



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 | B            |
| SCALE | 2/1               | WT. -----    |
| SURF. | -----             | SHEET 2 OF 2 |