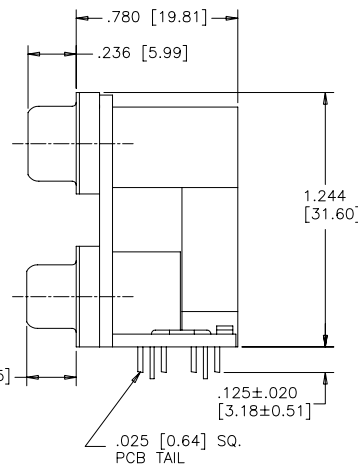




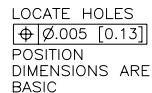
MOUNTING OPTION 2
#4-40 UNC THREADED
HEX JACK SOCKET
(4 INSTALLED)

.187 [4.74]
HFX

.228 [5.79]

.374 [9.50]

.112
[2.84]



ORDERING CODE:

PART NUMBER: 6 E 1 7 H - C 1 8 G A J - 1 0 3

SERIES

BOARDLOCK OPTION —
C=WITH BOARDLOCKS
O=WITHOUT BOARDLOCKS

NUMBER OF CONTACTS
$$\begin{array}{l} 18=2 \times 9 \\ 30=2 \times 15 \\ 50=2 \times 25 \\ 74=2 \times 37 \end{array}$$

STYLE

G=PIN OVER SOCKET,
.750" [19.05] PORT SPACING

E		F	
REVISIONS			
REV	ECN, ERN NO.	DATE	APPRD
A	PRODUCT DRAWING (EAR 12957)	OCT04/06	K.L.

MECHANICAL DATA:

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

SIZE	A	B	C	D	E	F
9 OVER 9 18 CONTACTS	1.213 [30.81]	.984 [24.99]	.666 [16.92]	.643 [16.33]	.432 [10.97]	.324 [8.23]
15 OVER 15 30 CONTACTS	1.541 [39.14]	1.312 [33.32]	.994 [25.25]	.971 [24.66]	.756 [19.20]	.648 [16.46]
25 OVER 25 50 CONTACTS	2.088 [53.04]	1.852 [47.04]	1.534 [38.96]	1.511 [38.38]	1.304 [33.12]	1.196 [30.38]
37 OVER 37 74 CONTACTS	2.729 [69.32]	2.500 [63.50]	2.182 [55.42]	2.159 [54.84]	1.956 [49.68]	1.848 [46.94]

SHELL CHARACTERISTICS

03=STEEL SHELLS, TIN PLATED, PLUG SHELL WITH
GROUNDING DIMPLES AND RECEPTACLE SHELL
WITHOUT DIMPLES

— MOUNTING OPTIONS

0=Ø.120" [3.05] CLEAR 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

DRAWN	J. LEE	DATE	OCT04/06
DESIGNED			
CHECKED	K. LAMBIE	OCT04/06	
I. E. APPRD.			
Q. A. APPRD.			
DWG. APPRD.			
ENG. REL. NO.			
REF.	EAR 12957		
DIMENSIONS ARE IN		CODE ID. NO.	03554
INCHES			

Amphenol Canada Corp.

6E17H SERIES DUAL PORT CONNECTOR, PIN
OVER SOCKET, .750" [19.05] SPACING, PLATING
& MOUNTING OPTIONS, RoHS COMPLIANT

DWG C	DRAWING NO. P-6E17H-XXXGXX-X03				REV. A
SCALE 2/1	WT. -----	SURF. -----	SHEET 1 OF 1		

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