



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

MECHANICAL DATA:

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 50µ" [1.27 MICRONS] NICKEL ON ENGAGEMENT AREA WITH 100µ" [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	D	E	F
9 OVER 9 18 CONTACTS	1.213 [30.81]	.984 [24.99]	.643 [16.33]	.432 [10.97]	.324 [8.23]
15 OVER 15 30 CONTACTS	1.541 [39.14]	1.312 [33.32]	.971 [24.66]	.756 [19.20]	.648 [16.46]
25 OVER 25 50 CONTACTS	2.088 [53.04]	1.852 [47.04]	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]	2.159 [54.84]	1.956 [49.68]	1.848 [46.94]

ORDERING CODE:

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

SERIES 6 E 1 7 H - C 1 8 F A J - 1 0 0

BOARDLOCK OPTION C=WITH BOARDLOCKS
O=WITHOUT BOARDLOCKS

NUMBER OF CONTACTS 18=2 x 9
30=2 x 15
50=2 x 25
74=2 x 37

STYLE F=SOCKET OVER SOCKET,
.750" [19.05] PORT SPACING

SHELL CHARACTERISTICS 00=STEEL SHELLS, NICKEL PLATED, RECEPTACLES WITHOUT GROUNDING DIMPLES

MOUNTING OPTIONS 0=0.120" [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 GOLD FLASH.
CF=ENGAGEMENT AREA 15µ" [0.38 MICRONS] GOLD
AJ=ENGAGEMENT AREA 30µ" [0.76 MICRONS] GOLD

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DRAWN	E.CHEN	DATE	AUG14/06	Amphenol Canada Corp.	
DESIGNED					
CHECKED	K.LAMBIE	DATE	AUG14/06	6E17H SERIES DUAL PORT CONNECTOR, SOCKET OVER SOCKET, .750" [19.05] SPACING, PLATING & MOUNTING OPTIONS, RoHS COMPLIANT	
I. E. APPRD.					
Q. A. APPRD.				DWG. DRAWING NO. P-6E17H-XXXFFX-X00	
DWG. APPRD.					
ENG. REL. NO.				SCALE	2/1
REF.	EAR 12957			WT.	
DIMENSIONS ARE IN	INCHES	CODE ID. NO.	03554	SURF.	
				SHEET	1 OF 1

Mouser Electronics

Authorized Distributor

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[Amphenol:](#)

[6E17HC50FBF100](#) [6E17HC18FBF200](#)