



REVISIONS			
REV	ECN, ERN NO.	DATE	APPRD.
B	PRODUCT DRAWING (EAR 14147)	DEC13/12	K.L.



ORDERING CODE: F C E 1 7 - B 2 5 S R - 8 E 0 G

- SERIES

SIZE/NUMBER OF CONTACTS
B25

CONNECTOR STYLE
S=SOCKET
R=PRESS FIT CONTACT

TERMINATION TYPE

MOUNTING
2=.120 [3.05] DIA THROUGH HOLE
4=#4-40 UNC THREAD
5=#4-40 UNC THREADED STANDOFF
6=M3 x 0.5 THREAD
8=M3 x 0.5 THREADED STANDOFF
E=CODE 4 MOUNTING WITH #4-40 UNC THREADED JACK SOCKET SUPPLIED LOOSE
- CONTACT FINISH/GOLD THICKNESS
NO DIGIT=STANDARD 15 MICROINCHES [0.38 MICRONS] GOLD ON MATING AREA
G=50 MICROINCHES [1.27 MICRONS] GOLD ON MATING AREA

MODIFIER
0=STANDARD

FILTER CAPACITANCE
D=50 pF 7=1200 pF
B=100 pF J=1500 pF
0=180 pF E=2200 pF
F=330 pF 9=5600 pF
1=470 pF 8=47000 pF
4=820 pF N=NO FILTERS
5=1000 pF

REFER TO AMPHENOL CATALOGUE FOR FILTER PERFORMANCE CHARACTERISTICS

- NOTES:
- MATERIALS: - ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE
- SHELL - DIECAST ZINC, NICKEL PLATED
- CONTACTS - PHOSPHOR BRONZE PLATED WITH GOLD (THICKNESS PER ORDERING CODE) OVER 50 MICROINCHES [1.27 MICRONS] NICKEL ON THE MATING AREA AND MATTE TIN ON THE TERMINALS
- INSULATOR - ENGINEERING THERMOPLASTIC, HIGH TEMPERATURE RESISTANT, FLAMMABILITY RATING UL94V-0, BLACK.
 - CONTACT RESISTANCE: 15 MILLIOHMS MAXIMUM.
 - INSULATION RESISTANCE: 3000 MEGOHMS MINIMUM
 - CURRENT RATING: 5 AMPS MAXIMUM
 - OPERATING TEMPERATURE: -40°C TO 85°C.
 - INSERTION FORCE PER CONTACT: 4.5 N MAX.
 - RETENTION FORCE PER CONTACT: 2.2 N MIN.
 - PCB HOLE: DRILL .0453±.001 [1.15±0.03] DIAMETER. PLATE COPPER .0010 [0.025] MINIMUM THICKNESS AND IMMERSION TIN .0003 [0.008] MINIMUM THICKNESS FOR A FINISHED HOLE SIZE OF .040±.002 [1.02±0.05] DIA. RECOMMENDED NOMINAL PCB THICKNESS .093 [2.36] OR .125 [3.18].

DRAWN K. LAMBIE	DATE MAY30/07	Amphenol Canada Corp.	
DESIGNED			
CHECKED			
I. E. APPRD.			
Q. A. APPRD.		FCE17 SERIES FILTERED D-SUB CONNECTOR, 25 SIZE SOCKET, VERTICAL MOUNT PRESS FIT, VARIOUS OPTIONS INCLUDED, RoHS COMPLIANT	
DWG. APPRD.			
ENG. REL. NO.			
REF. EAR 13125			
DIMENSIONS ARE IN INCHES [mm]	CODE ID. NO. 03554	DWG C	DRAWING NO. P-FCE17-B25SR-XX0X
		SCALE 3/1	WT. SURF. SHEET 1 OF 1

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