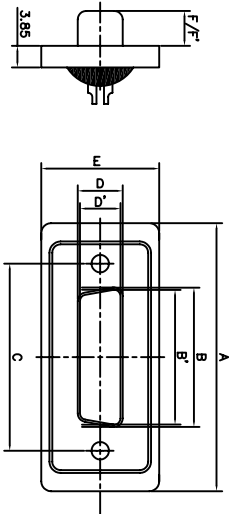
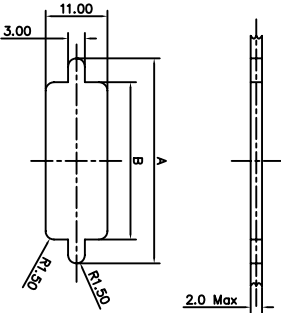


Shell size dimensions



Shell Size	Contact Pin S:Socket	A	B	B'	C	D	D'	E	F	F'
E	P	39.40	16.40	16.80	25.00	8.00	8.20	21.00	6.20	5.90
A	P	47.70	24.80	25.10	33.30	8.00	8.20	21.00	6.20	5.90
B	P	64.50	38.50	38.80	47.00	8.00	8.20	21.00	6.20	5.90

Panel cutouts



Shell size	POS.	A	B
E	09	28.20	20.00
A	15	36.50	28.00
B	25	51.00	41.50

REVISONS			
SN	EDN	DESCRIPTION	DATE
A			08/03/07

D-SUB TECHNICAL DATA

SHELL :Steel 2.5um(100u") min tin over 1.25um(50u") min nickel
BODY : Glass filled thermoplastic.
Flame retardant to UL94 V-0 Color Black
CONTACTS : copper alloy(Brass for plug, Phosphor bronze for socket)
gold over 1.25um(50u") min nickel
BOARDLOCK : copper alloy, 100u" min. sn over 50u" min. nickel.
STAND OFF : copper alloy, 100u" min. sn over 50u" min. nickel.
ELECTRICAL : Voltage rating : 300 V RMS at 50 Hz
Current rating 5.0A.
Insulation resistance >5000 M Ohms
Contact resistance 20 mOhms max.
Waterproof rate : IP67
Salt spray : 48hrs
CLIMATIC : Temperature range -55 °C up to 125°C
Damp heat 56 day(40 °C-95% HR)
MACHANICAL : mating force 0.34-1kg max
unmating force 0.021kg min
MARKING : Amphenol--...(Series No.)
Commercial reference
Manufacturing date

PRODUCT CODE

L 17ED

L: RoHS Compliance

L17ED: Standard series
L17END: High density series

Number of Contacts:
Standard: 9, 15, 25
High density: 15, 26, 44

Contact type:
S:female
P: Male

Contact plating:
0= gold flash
1= 0.36um(15u")
2= 0.75um(30u")

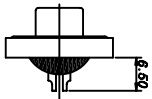
Termination:
0:Solder type
1:Strait P.C.B without
Stand off and boardlock
2:Strait P.C.B with
Stand off and boardlock
3:Right angleP.C.B without
Stand off and boardlock
4:Right angleP.C.B with
Stand off and boardlock

DIMENSIONS SPECIFIED			
TOLERANCES	U.S.	METRIC	APPROVAL
.X	±.005	0.13	DATE
.XX	±.002	0.05	DRWN
.XXX	±.001	0.02	CHKD
ANGLES	±.001	2°	DATE
FOR MATERIALS AND FINISHES			
REMOVE SHARP EDGES	DRAWING FILE :		
DIMENSIONS	ANGLE OF PROJECTION		
THICKNESS	SCALE		
FINISH	TITLE		
AMPHENOL	machined contacts connector, ED series		
	Waterproof series		
	SIZE		
	DRAWING NO.		
	A4		
	C L17EDXXXXXXXXXX		
	SCALE		
	NONE		
	SHEET 1 OF 2		

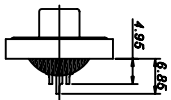
Amphenol

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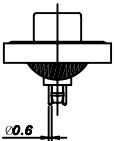
REVISIONS			
SM	ECN	DESCRIPTION	DATE
A			08/03/07



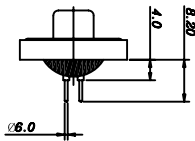
0 : Solder cup



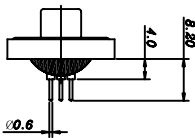
0 : Solder cup



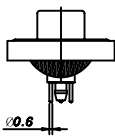
2 : Straight PCB with stand-off and boardlocks



1 : Straight PCB without stand-off and boardlocks



1 : Straight PCB without stand-off and boardlocks



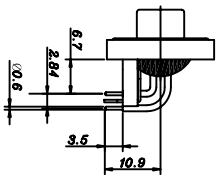
2 : Straight PCB with stand-off and boardlocks

Standard density

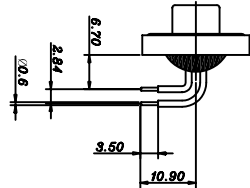
Standard density

High density

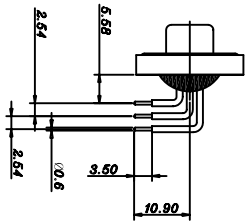
High density



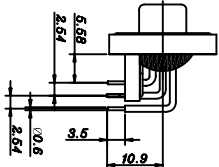
4 : Right angle PCB with brackets and boardlocks



3 : Right angle PCB without brackets and boardlocks



3 : Right angle PCB without brackets and boardlocks



4 : Right angle PCB with brackets and boardlocks

Standard density

Standard density

High density

High density



Amphenol

machine contacts connector, ED series
Waterproof series

UNLESS OTHERWISE SPECIFIED			
TOLERANCES		APPROVAL	DATE
U.S.	METRIC	DRW	1/4 Wang 08/03/07
.XX	0.50	CHK	08/03/07
.XX	0.30	CHK	08/03/07
.XX	0.20	CHK	08/03/07
ANGLES +/-		2°	
FOR MATERIALS AND FINISHES			
SEE NOTES		DRAWING FILE :	
REMOVE SHARP EDGES		ANGLE OF PROJECTION	
DIMENSIONS			
U.S.	INCHES		
METRIC	MM		
SIZE		DRAWING NO.	
A4		C LIT EDXXXXXXXXXX	
SCALE		NONE	
SHEET		2 OF 2	
REV.		A	

Amphenol

machined contacts connector, ED series
Waterproof series

A

B

C

D

4

3

2

1

4

3

2

1