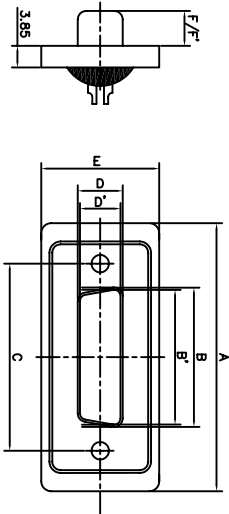
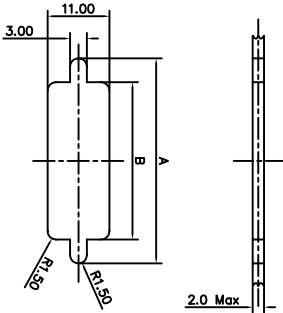


Shell size dimensions



Shell Size	Contact P.C. Fin 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")

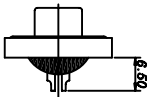
Termination:
0:Solder type
1:Strait P.C.B without
Stand off and boardlock
2:Strait P.C.B with
Stand off and boardlock
3:Right angleP.C.B without
Stand off and boardlock
4:Right angleP.C.B with
Stand off and boardlock

Amphenol

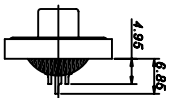
DIMENSIONS SPECIFIED				APPROVAL		DATE	
TOLERANCES				DRAWN		CHKD	
U.S.				DATE		DATE	
METRIC				DATE		DATE	
.X	+	-	0.50	08/03/07		08/03/07	
.XX	+	-	0.30				
.XXX	+	-	0.20				
ANGLES	+	-	2°				
FOR MATERIALS AND FINISHES				DRAWING FILE :			
REMOVE SHARP EDGES				ANGLE OF PROJECTION			
DIMENSIONS				SIZE		DRAWING NO.	
TOLERANCES				SCALE		SHEET 1 OF 2	
NONE				NONE			

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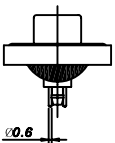
REVISIONS			
SM	ECN	DESCRIPTION	DATE
A			08/03/07



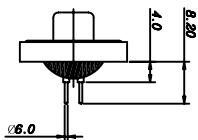
0 : Solder cup



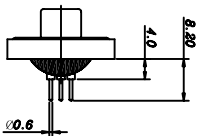
0 : Solder cup



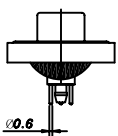
2 : Straight PCB with stand-off and boardlocks



1 : Straight PCB without stand-off and boardlocks



1 : Straight PCB without stand-off and boardlocks



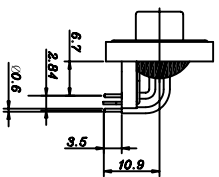
2 : Straight PCB with stand-off and boardlocks

Standard density

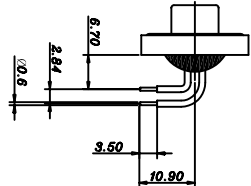
Standard density

High density

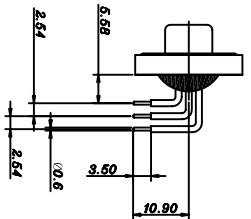
High density



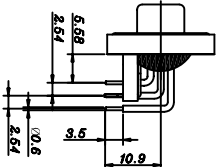
4 : Right angle PCB with brackets and boardlocks



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

machined contacts connector, ED series

Waterproof series

DIMENSIONS SPECIFIED			
TOLERANCES		APPROVAL	
U.S.	METRIC	DATE	
.X +/-	0.50	DRAWN	08/03/07
.XX +/-	0.30	CHECKED	08/03/07
.XXX +/-	0.20		
ANGLES +/-	2°		
FOR MATERIALS AND FINISHES			
REMOVE SHARP EDGES			
DIMENSIONS			
THICKNESS	THICKNESS	ANGLE OF PROJECTION	
0.6	0.6		
SCALE	SCALE	SCALE	SCALE
A4	C	LIT	ED
SCALE	NONE	SHEET	2 OF 2