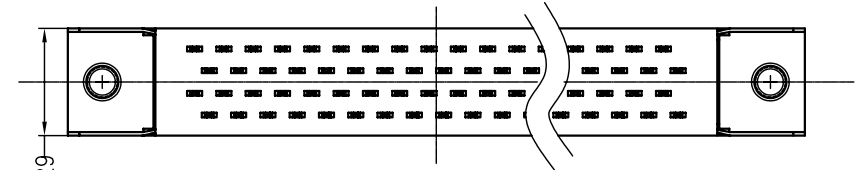
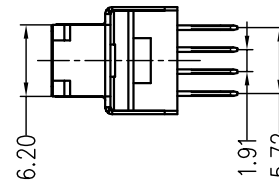
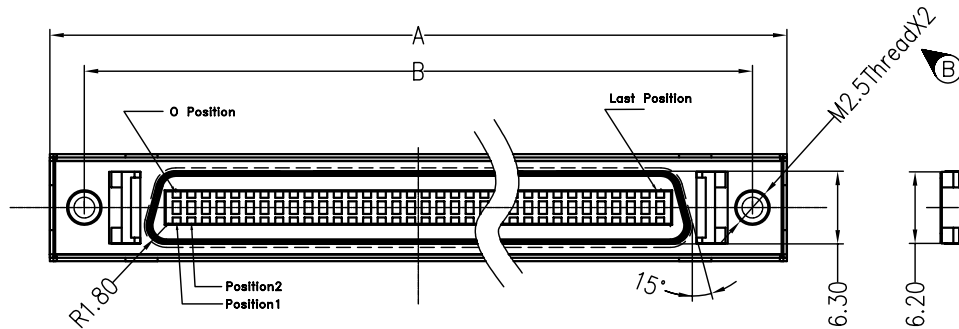
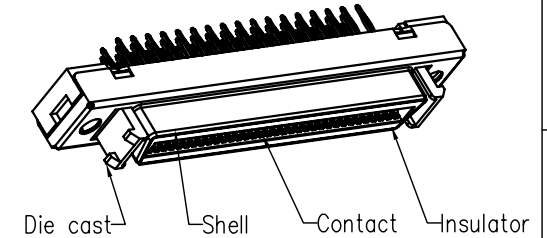
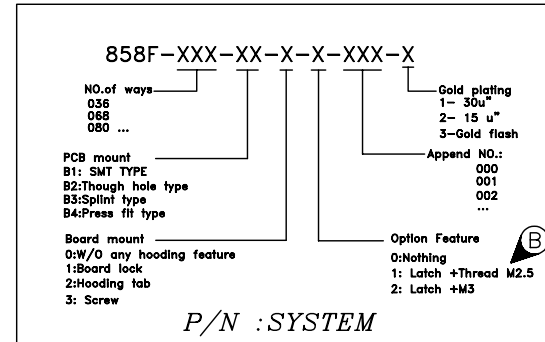
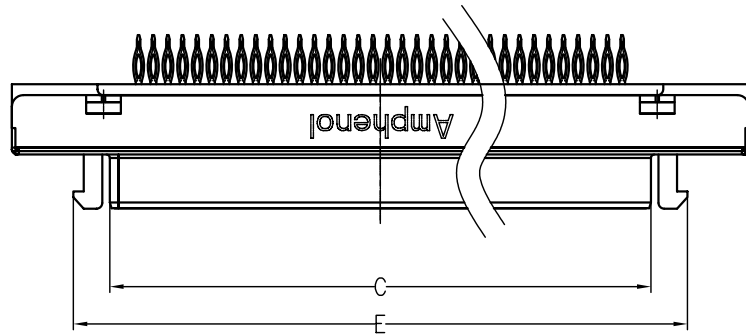


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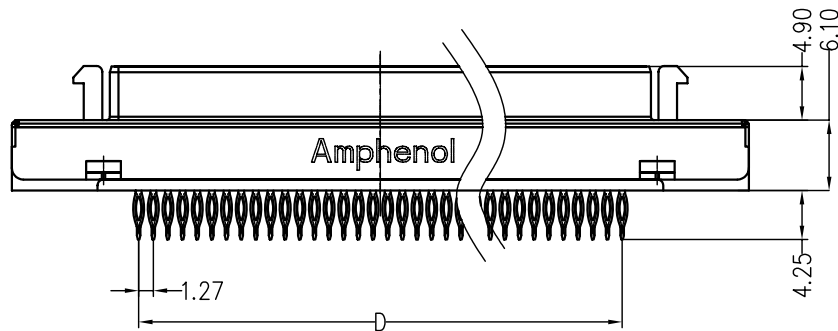
Customer Information Drawing

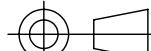
REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED
A	HK3806	First Release	04/17.06	IP
B	HK3924	change part number system.	07/15.06	IP
C	HK4102	change body housing material from PBT to PPA.	11/15.06	IP

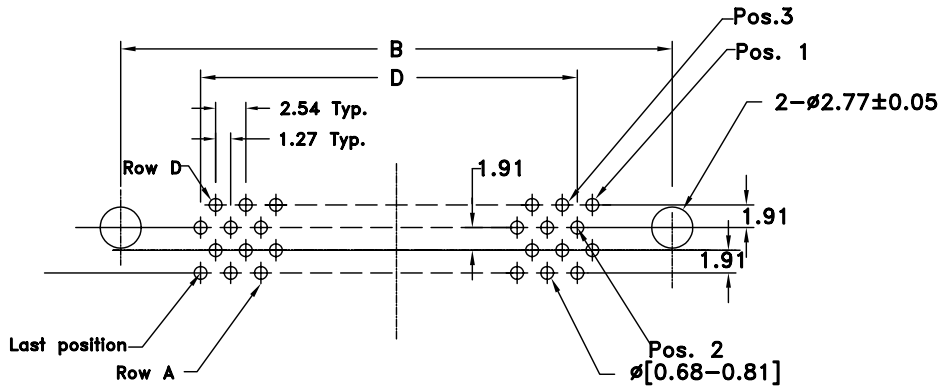


Contact Quantity	Dimensions						
	A	B	C	D	E	F	G
36	43.50	37.60	26.60	21.59	33.50	33.90	37.61
68	63.80	57.90	46.90	41.91	53.80	54.20	57.93
80	71.50	65.60	54.50	49.53	61.50	61.90	65.55

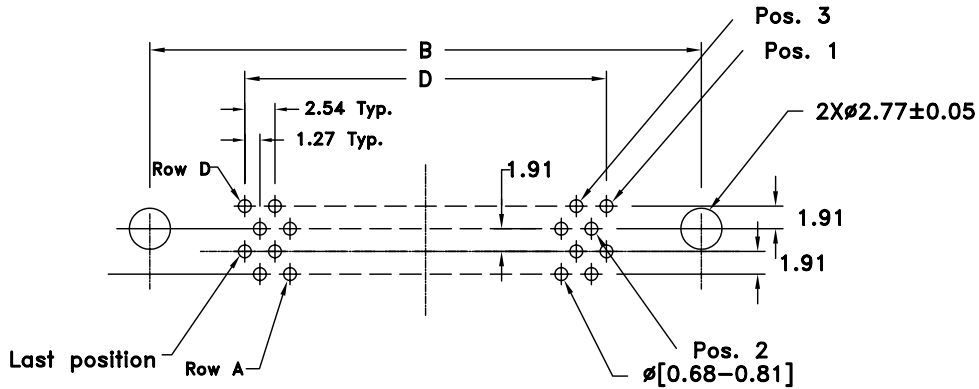


UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. METRIC .X +/- 0.50 .XX +/- 0.25 .XXX +/- 0.15 FRACTIONS +/- 5° ANGLES +/- 5° FOR MATERIALS AND FINISHES SEE NOTES REMOVE SHARP EDGES DIMENSIONS U.S. INCHES METRIC MM	APPROVAL		DATE		Amphenol TITLE 858 Receptacle Connector, 1.27mm PRESS FIT (Die cast),
	DRAWN <i>Peter.zhao</i>		11/15.06		
	CHECKED				
	CHECKED				
	DRAWING FILE : DRAWING\858\C858-FXXX-B401-002X.DWG				
	ANGLE OF PROJECTION				
					
	SIZE	DRAWING NO.			REV.
	A3	C858-FXXX-B401-002X			C
	SCALE	NONE		SHEET 1 OF 2	

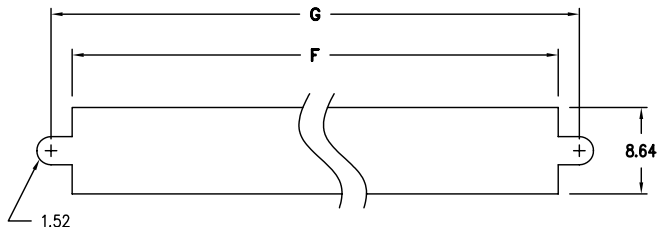
Customer Information Drawing



Recommended PCB Layout 2



Recommended PCB Layout 1



Recommended Panel Cut-out
Note: Panel thinness 2.00 mm MAX.



REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
A	HK3806	First Release	04/17.06	IP
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C	HK4102	change body housing material from PBT to PPA.	11/15.06	IP

- Note:
- All dimensions are in mm.
 - Materials
Contact: Phosphor Bronze,
Gold plated on mating area, thickness refer to P/N system.
2.54 MIN. pure matte Tin plated on termination area
1.27 MIN. Nickel underplated
Shell: Cold Roll Steel,
5.08 MIN. Nickel plated.
Insulator: PPA, color black, UL94V-0 rated.
Plate: PBT, color black, UL94V-0 rated.
Die Cast: ZN alloy.
1.27-3.81 μ m Nickel plated with copper underplated 4 μ m MIN.
 - Mechanical Characteristics
Durability: 500 cycles min. for 0.76 μ m gold
250 cycles min. for 0.38 μ m
50 cycles min. for gold flash
Contact Retention Force 4.4 N min. per contact with insulator
Mating force: 1.22 N Max/contact (total 9.8 kgf approx.)
Unmating force: 0.20 N Max/contact (total 5 kgf approx.)
Insertion force for press fit: 147N/pin MAX.
 - Electrical Characteristics
Contact Rating: 1 A Max.
Contact Resistance: 35 m Ω Max.
Insulation Resistance: 1000 M Ω Min.at 500 VDC
Operation Temperature: -55 $^{\circ}$ C to 75 $^{\circ}$ C
Dielectric Strength: 500 VAC
 - Suitable for PCB with a normal thickness of 2.40mm to 3.18mm.
 - Material should be fulfilled Amphenol Spec.# SSN002.

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE		Amphenol							
		DRAWN	Peter.zhao	11/15/06									
U.S.		CHECKED		CHECKED		TITLE 858 Receptacle Connector,1.27mm PRESS FIT (Die cast),							
METRIC		CHECKED											
.X +/-		0.50											
.XX +/-		0.25											
.XXX +/-		0.15											
FRACTIONS +/-		5°		DRAWING FILE : \\DRAWING\BSP\C858-FXXX-B401-002X.DWG		SIZE A3		DRAWING NO. C858-FXXX-B401-002X		REV. C			
ANGLES +/-		5°											
FOR MATERIALS AND FINISHES SEE NOTES				ANGLE OF PROJECTION				SCALE		NONE		SHEET 2 OF 2	
REMOVE SHARP EDGES								SCALE		NONE		SHEET 2 OF 2	
DIMENSIONS													
U.S.		INCHES											
METRIC		MM											