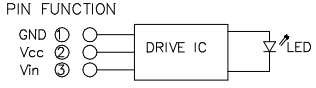


2.4 TRANSMISSION SPEED: 13.2 Mbps MAX
 2.5 MATING FORCE: 4.0Kgf MAX.
 2.5 UNMATING FORCE: 0.6~4.0Kgf
 2.6 SOLDERING TEMPERATURE: WAVE SOLDER: 260°C MAX. 3~5 SECONDS
 2.7 AS ASSEMBLY, THE STATIC PREVENTION IS NECESSARY TO AVOID DAMAGING IC OR LED.

2.8.FUNCTION STEPS:

- STEP1: INPUTTING THE Vcc (AT ② LOCATION)
- STEP2: INPUTTING THE Vin (AT ③ LOCATION)

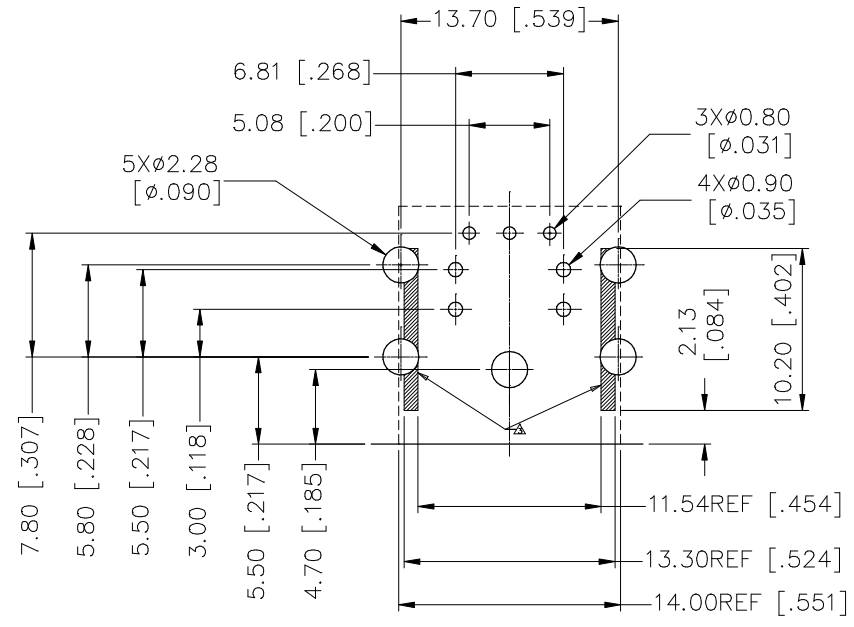


NOTES:
 1.MINI DIN CONNECTOR SPECIFICATION:
 1.1 GENERAL CHARACTERISTICS:
 1.1.1 CURRENT RATING: 1A MAX.
 1.1.2 VOLTAGE RATING: 30 V
 1.1.3 OPERATE TEMPERTAURE: -20°C TO 70°C.
 1.2 MECHANICAL CHARACTERISTICS:
 1.2.1 MATING FORCE: 4.5 Kgf MAX..
 1.2.2 UNMATING FORCE: 0.90 Kgf TO 2.7 Kgf.
 1.2.3 DURABILITY: 500 CYCLES
 1.3 ELECTRICAL CHARACTERISTICS:
 1.3.1 LOW LEVEL CONTACT RESISTANCE: 30 mOHMS (MAX.).
 1.3.2 INSULATION RESISTANCE: 1000 MOHMS (MIN.).
 1.3.3 DIELECTRIC WITHSTANDING VOLTAGE: AC 750V RMS MIN.
 2.AC-3 CONNECTOR SPECIFICATION:
 2.1 SUPPLY VOLTAGE: -0.5 ~ 7 V.
 2.2 DC INPUT VOLTAGE: -0.5 ~ Vcc+0.5 V.
 2.3 OPERATING TEMPERATURE: -20°C TO 70°C.

ITEM	DESCRIPTION	Q'TY	MATERIAL	FINISH	REMARK
11	GROUNDING BLADE	1	IRON ALLOY	NONE	
10	SPRING	1	IRON ALLOY	NONE	
9	AC-3 DOOR	1	THERMOPLASTIC;UL94V-0 LOW TEMP	MOLDED GRAY	
8	LED	3	AlGaAs LED & DRIVE IC COPPER ALLOY	LEAD FREE TIN ALLOY PLATING	
7	REAR SHELL	1	COPPER ALLOY	NICKEL PLATING	
6	FRONT SHELL	1	COPPER ALLOY	NICKEL UNDERPLATING LEAD FREE TIN ALLOY PLATING.	
5	AC-3 BOTTOM HOUSING	1	THERMOPLASTIC;UL94V-0 LOW TEMP	MOLDED BLACK	
4	AC-3 TOP HOUSING	1	THERMOPLASTIC;UL94V-0 LOW TEMP	MOLDED BLACK	
3	MINI DIN CONTACT	4	COPPER ALLOY	GOLD FLASH AT CONTACT AREA. LEAD FREE TIN ALLOY PLATING AT CONTACT TAIL, OVER NICKEL UNDERPLATING	
2	MINI DIN SPACER	1	THERMOPLASTIC;UL94V-0 LOW TEMP	MOLDED BLACK	
1	MINI DIN HOUSING	1	THERMOPLASTIC;UL94V-0 LOW TEMP	MOLDED BLACK	

X. ±	X'. ±	UNITS	mm [INCH]	NAME(INTENDED USE)	FOXCONN HON HAI PRECISION IND. CO.,LTD. TAIPEI, TAIWAN, R.O.C.
.X ± 0.35 [0.014]	.X' ±	MAT'L	N/A	CUSTOMER	
.XX ± 0.25 [0.010]	.XX' ±	FINISH	N/A	PART NO.(INTENDED USE)	TITLE:
.XXX±	.XXX'±	FINISH	N/A	2F12TC1-FS91-4F	MINI DIN 4PIN W/GROUNDING OVER AC-3 STACK
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF HON HAI PRECISION IND. CO., LTD. AND SHALL NOT BE REPRODUCED COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF HON HAI PRECISION IND. CO., LTD.				APPD:	HAO GU 7/14'05
				Q'TY	N/A
				CHKD:	L.S HU 7/14'05
				DR:	F H SHU 7/14'05
				SCALE	SHEET
				N/A	1/2
				REV.	B

REV.	ECN. NO.	APPD.
A	BC05717127	Hao Gu 5/23'05
B	BC05726249	Hao Gu 7/14'05



RECOMMENDED P.C.BOARD LAYOUT
(COMPONENT SIDE VIEW)

NOTES:

- 3. TRACE KEEP OUT ZONE.
- 4. RECOMMENDED P.C.B. THICKNESS: 1.57±0.05[.062±.002].

REMARK:

PROD. NO.: 2F 1 2 T C 1 -F S 9 1 - 4F

Plastic Fiber Optical ———— 2F 1 2 T C 1 ————
Terminator Type ———— 1 ————
Body Type: ———— 2 ————
Driver Type ———— T ————
Transmission Speed ———— C ————

Package Code
Modification Code
Color Code
9=Black
Mating Type:
S=Door Type combo S=vedio
Customer Code
CONTACT PLATING
1= Gold Flash

X. ±	X*: ±	UNITS	mm [INCH]	NAME(INTENDED USE)	FOXCONN
.X ± 0.10 [.004]	.X* ±	MAT'L	N/A	CUSTOMER	HON HAI PRECISION IND. CO.,LTD. TAIPEI, TAIWAN, R.O.C.
.XX ± 0.05 [.002]	.XX* ±	FINISH	N/A	PART NO.(INTENDED USE)	TITLE: MINI DIN 4PIN W/GROUNDING OVER AC-3 STACK
.XXX±	.XXX*±	Q'TY	N/A	APPD: HAO GU 7/14'05	DWG NO.: 371-0000-091
<small>THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF HON HAI PRECISION IND. CO., LTD. AND SHALL NOT BE REPRODUCED COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF HON HAI PRECISION IND. CO., LTD.</small>				CHKD: L.S HU 7/14'05	
				DR: F H SHU 7/14'05	