



CONNECTOR FRONT EDGE
REFERENCE PCB LAYOUT

Specification

- *Contact Resistance: The pin1,4: mated plug connectors,30 m ohm max.
Other Pin: mated plug connectors,50 m ohm max.
- *Insulation Resistance: 100 M ohm min. ; At 500 VDC.
- *Contact Current Rating: 1.8 A min.
- *Voltage Rating: 100 VAC.
- *Withstanding Voltage: 500 VAC for 1 minute.
- *Durability (Life Test Before): Insertion Force: 35 N max.
Extraction Force: 10 N min.
- *Durability (Life Test After): 1500 cycles at 200±50 cycles per hour.
Extraction Force: 8 N min.



NO.	NAME	MATERIAL	FINISH	Q'TY	REMARK
1	FRONT HOUSING	PBT G.F.	BLUE(300C)	1	PBT 5630-200
2	BACK HOUSING	PBT G.F.	BLUE(300C)	1	PBT 5630-200
3	BACK COVER	PBT G.F.	BLUE(300C)	1	PBT 5630-200
4	CONTACT NO.: 1-4	PHOS. BRONZE T0.25	GOLD/TIN PLATED	4	Gold:30u"; NI:40~60u"; TIN:120u" (100% pure Tin of lead free plating)
5	CONTACT NO.: 5-9	PHOS. BRONZE 1/2H T0.25	GOLD/TIN PLATED	5	Gold:30u"; NI:40~60u"; TIN:120u" (100% pure Tin of lead free plating)
6	SHELL	SUS 301 1/4H T0.3	NICKEL PLATED	1	Ni:50u" MINIMUM.

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PROJ	SCALE : F DO NOT SCALE DWG	MOLD NO 20003-X-02			
APP		MODEL	FILE NO	REV.	
CHK		2.5φ	iron head	X1	
DGN		UNIT	SHT 1 OF 1	SIZE	
DRW	HSIEH	MM		A4	
	2012.06.30				