



Recommend PCB LAYOUT

CODE			CODE	
A	Black 9005	Radio without phantom supply	Violet 4003	GPS for telematics and navigation
B	Cream white 9001	Radio phantom supply	Beige 1001	Remote control parking heating
C	Blue 5005	GPS	Curry 1027	Radio with IF
D	Bordeaux 4004	GSM cellular phone	Carmin red 3002	Not defined
E	Green 6002	TV1 / SDARS	Pastel orange 2003	Not defined
F	Brown 8011	TV2 / SDARS	Pastel green 6019	Not defined
G	Grey 7031	Remote control keyless entry	Water blue 5021	Neutral coding

NOTES: TYPICAL SPECIFICATIONS

1.0. ELECTRICAL DATA

- 1.1. FREQUENCY RANGE --- DC ... 6 GHz  $\Delta$
- 1.2. IMPEDANC --- 50 Ohms
- 1.3. VSWR ---- < 1.35
- 1.4. DIELECTRIC WITHSTANDING VOLTAGE ---- 750 Vrms
- 1.5. INSULATION RESISTANCE ---- 1000 Mega-Ohms
- 1.6. CENTER CONTACT RESISTANCE ---- 20.0 mini-Ohms
- 1.7. OUTER CONTACT RESISTANCE ---- 10.0 mini-Ohms

2.0. MECHANICAL DATA

- 2.1. COUPLING METHOD --- SNAP-ON
- 2.2. DURABILITY (MATING/UNMATING) --- 100 Cycles
- 2.3. PLASTIC HOUSING - ENGAGEMENT FORCE ---- 40 N max.
- 2.4. PLASTIC HOUSING - DISENGAGEMENT FORCE ---- 35 N min.
- 2.5. CABLE RETENTION FORCE ---- 110 N min.
- 2.6. PLASTIC HOUSING RETENTION FORCE ---- 15 kg min.
- 2.7. TEMPERATURE RANGE ---- -40°C~+105°C  $\Delta$

4	HOUSING	NYLON	By Code Color	1
3	INSULATOR	TEFLON		1
2	CENTER CONTACT	BRASS	GOLD	1
1	BODY	BARSS	GOLD	1
ITEM	ITEM NAME	MATERIAL	FINISH	Q'TY/EA

RoHS  
Compliant

**HSM** 玄茂科技股份有限公司  
**HSUAN MAO TECHNOLOGY CO., LTD.**

APPD. 核准		GENERAL TOLERANCE   ANGLE TOLERANCE X ±0.25 Y ±0.15 Z ±0.08 XX ±0.08 YY ±0.08 ZZ ±0.08	PART NAME 品名 FAKRA PLUG 180° FOR DIP PCB CENTER CONTACT: BRASS, GOLD FLASH PLATING BODY: BRASS, GOLD FLASH PLATING INSULATOR MATERIAL: TEFLON HOUSING: NYLON 50Q ROHS
DWG. 製圖	Betty	SCALE 比例 參考	PART NO. 料號 C4000-MBBTXA0R
DATE 制表日	2019/06/26	UNIT 單位 M M	
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