



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

NOTES: TYPICAL SPECIFICATIONS

1.0. ELECTRICAL DATA

- 1.1. FREQUENCY RANGE ---- DC ... 4 GHz
- 1.2. IMPEDANCE---- 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. ENGAGEMENT FORCE ---- 14 lbs max.
- 2.4. DISENGAGEMENT FORCE ---- 14 lbs max.

| ITEM | ITEM NAME | MATERIAL | FINISH | Q'TY/EA |
|------|----------------|----------|---------------|---------|
| 5 | HOUSING | PA66 | By Code Color | 1 |
| 4 | REAR BODY | BRASS | NICKEL | 1 |
| 3 | INSULATOR | TEFLON | | 2 |
| 2 | CENTER CONTACT | BRASS | GOLD | 1 |
| 1 | JACK BODY | BARSS | NICKEL | 1 |

RoHS Compliant

HSM 玄茂科技股份有限公司

HSUAN MAO TECHNOLOGY CO., LTD.

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| APPD. 核准 | | GENERAL TOLERANCE: X ±0.25 Y ±0.15 Z ±0.08 | ANGLE TOLERANCE: X ±3.0° Y ±2.0° Z ±1.0° | PART NAME 品名 FAKRA PLUG 90° FOR DIP PCB CENTER CONTACT:BRASS,GOLD FLASH PLATING BODY:BRASS,NICKEL PLATING INSULATOR MATERIAL:TEFLON HOUSING MATERIAL:PA66 50Ω ROHS |
| DWG. 製圖 | Betty | SCALE 比例 參考 | UNIT 單位 M M | SIZE. 紙張尺寸 A 4 |
| DATE 制表日 | 2019/06/26 | PAGE 張數 1 OF 1 | REV. 版次 A | PART NO. 料號 C4001-MBCTXA0R |