

SPECIFICATION

MATERIAL

Insulator : PA
 Contacts : Brass
 Outer Contacts : Zinc Alloy

CONTACT PLATING

Contact area: 6u" Selective gold
 Solder tails area: 20u"~ 80u" Tin (Lead Free)

OUTER CONTACTS PLATING

Underplate: 120u" ~240u" Matte Tin
 over 120u" ~240u" Nickel over 240u" ~ 400u" Cu.

ELECTRICAL

Impedance, differential mode : 100Ω differential signaling, for one pair
 or quad cable shielded.

Frequency : DC to 2.0 GHz

Return loss : ≥20 dB to 1.0 GHz
 ≥17 dB to 2.0 GHz

Insertion loss : ≤0.1 dB @ 1.0 GHz

Insertion resistance: ≥1000MΩ

Signa contact resistance : ≤ 10mΩ

MECHANICAL

Mating Cycles : ≥ 25 Cycles

Engagement force : ≤30N

Disengagement force : ≥5N

Retention force latch : ≥110N

Coding efficiency : ≥80N

Temperature range : -40°C To +105°C

RECOMMENDED. P.C.B LAYOUT
 TOLERANCRS: ±0.10mm

A
 Platinenkante edge of PCB

Position of center of gravity








RoHS
 Compliant

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

APPD.
 核准
 DWG.
 製圖
 DATE 制表日
 2019/07/02

SCALE
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PART NAME 品名
 HSD PLUG 90° FOR DIP PCB CONTACTS MATERIAL:BRASS,
 CONTACTS AREA:GOLD 6U",DIP AREA:MATTE TIN
 SHELL PLATING:MATTE TIN INSULATOR MATERIAL:PA
 PAD+REEL PACKING ROHS
 PART NO.
 料號 C4004-04MSM6ZJXQR

Coding	A	B	C	D	E	F	Z
Plug							
Color	Black	White	Blue	Bordeaux	Green	Brown	Water Blue
RAL	sim.9005	sim.9001	sim.5005	sim.4004	sim.6002	sim.8001	sim.5021

RoHS Compliant		HSM 玄茂科技股份有限公司 HSUAN MAO TECHNOLOGY CO., LTD.	
APPD. 核准		UNLESS OTHERWISE SPECIFIED TOLERANCE ANG. ±.15 0. ±0.50 0. ±0.30 0. ±0.20	PART NAME 品名 HSD PLUG 90° FOR DIP PCB CONTACTS MATERIAL:BRASS, CONTACTS AREA:GOLD 6U",DIP AREA:MATTE TIN SHELL PLATING:MATTE TIN INSULATOR MATERIAL:PA PAD+REEL PACKING ROHS
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