

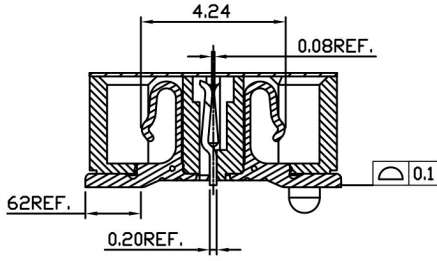
Material and Plating:

Housing: LCP, UL94V-0, Black.
 Signal Contacts : Phosphor Bronze.
 Gold Plated on Contact Area and 80u" Min Tin Plated on Solder Tail over nickel 50u" Min .
 Ground Contacts : Phosphor Bronze.
 Gold Plated on Contact Area and 80u" Min Tin Plated on Solder Tail over nickel 50u" Min .

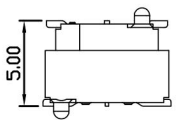
Electrical Characteristics:

Current Rating: Signal: 3A Per Contact With 3 Adjacent Contacts (UI).
 Ground: 25A Per Contact With 1 Contact.
 Voltage Rating: 125V AC .
 Dielectric Withstanding Voltage: 675V AC For 1 minute.
 Insulator Resistance: 5000MΩ min at DC 500V.
 Contact Resistance: Signal Pin: 45mΩ max .
 Ground Pin: 15mΩ max .
 Operating Temperature: -55°C ~ +125°C .

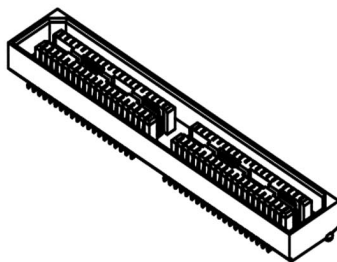
5mm Stack Height	Rated@3dB Insertion Loss	
	With PCB effects	W/O PCB effects
Single-Ended Signaling	9GHz / 18Gbps	9GHz / 18Gbps
Differential Pair Signaling	8GHz / 16Gbps	14GHz / 28Gbps



Sectional A-A
Scale 2:1



Mating Height



P.C.Board Layout
(Tolerance:±0.05)

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
 2019/09/09

SCALE 比例 參考
 UNIT 單位 M M
 PAGE 張數 1 OF 1

Tolerances
 x = ±0.5
 .x = ±0.25
 .xx = ±0.10
 SIZE. 紙張尺寸 A 4
 REV. 版次 A

PART NAME 品名
 0.8mm High Speed Board To Board Connector
 80P Female SMT Type H=3.25mm With Post
 Without Lock Film+Reel Packing ROHS
 PART NO.
 料號 C6012-80FYNXFOR

A
B
C
D
E
F
G
H