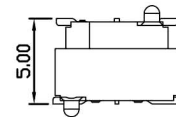


Sectional A-A
Scale 2:1



Mating Height

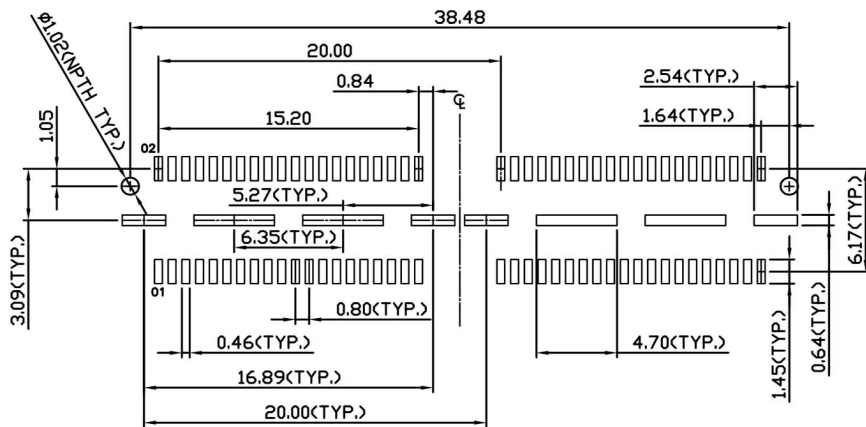
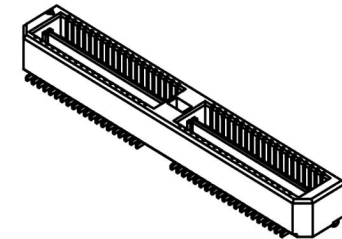
Material and Plating:

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: Brass.
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 (UL).
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



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	SCALE 比例 参考	Tolerances x = ±0.5 .x = ±0.25 .xx = ±0.10	PART NAME 品名 0.8mm High Speed Board To Board Connector 80P Male SMT Type H=4.27mm With Post Without Lock Film+Reel Packing ROHS
DWG. 製圖 Betty	UNIT 單位 MM	SIZE. 紙張尺寸 A 4	PART NO. 料號 C6011-80MYNXFOR
DATE 制表日 2019/09/09	PAGE 張數 1 OF 1	REV. 版次 A	