



RECOMMENDED P.C.B HOLE LAYOUT (TOP VIEW)
P.C.B THICKNESS=1.60mm (TOLERANCE=±0.05)

SPECIFICATION

MATERIALS AND PLATING

- SHELL MATERIAL: C2680-H T=0.30
PLATING: Ni PLATING OVER ALL , OTHER SPEC SEE THE TABLE .
- TERMINAL MATERIAL: C2680 FOR 5PIN , C5191 FOR 4 PIN ,
PLATING: GOLD PLATING ON CONTACT AREA , TIN 80u" PLATING ON
SOLDER AREA , Ni 50u" UNDERPLATING OVER ALL . OTHER SPEC SEE THE TABLE .
- HOUSING MATERIAL: SEE THE TABLE

ELECTRICAL PERFORMANCE

- RATED VOLTAGE:30V rms MAX.
- RATED CURRENT:1.8A
- INSULATION RESISTANCE:100 MΩ MIN ,500V DC ,TEST TIME:1 SEC MIN.
- DIELECTIC WITHSTANDING VOLTAGE:100V AC ,TEST TIME:1 SEC MIN.
- CONTACT RESISTANCE:30mΩ MAX INITIAL FOR VBUS AND GND CONTACTS.
50mΩ MAX INITIAL FOR ALL OTHER CONTACTS.

ENVIRONMENTAL PERFORMANCE

- OPERATING TEMPERATURE :-40°C TO +85°C
- STORAGE TEMPERATURE:-20°C TO +60°C
- RELATIVE HUMIDITY (%):20%~70%
- STORAGE LIFE: 6 MONTHS MAX.
- SALT SPRAY TEST: 24H OR OTHER SPEC SEE THE TABLE

MECHANICAL PERFORMANCE

- DURABILITY:1500 CYCLES
- INSERTION FORCE:35N MAX.
- EXTRACTION FORCE:10N MIN.
- THE PEAK OF TEMPERATURE ON SOLDERING:THT:260±5°C 5~10S

All Termials Passed high frequency

C	8341	—	09	A	F	H	P	S	L	R
1	2		3	4	5	6	7	8	9	10

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|-----------------------------|---|---------------------------------|---|
| 1. PRODUCTS:
C:Connector | 5. CONTACT TYPE:
F:Female | 7. INSULATOR MATERIAL:
P:PBT | 8. CONTACT PLATING:
S:Selective Gold
H:Selective Gold
15U"
I:Selective Gold
30U" |
| 2. SERIES NO.:
8341 | 6. BODY OPTION:
H:Horizontal Right
Angle(Normal Type) | | 9. INSULATOR COLOR:
L:Blue |
| 3. CONTACT NO.:
09 | | | 10. R:ROHS |
| 4. FUNCTION:
A:A Type | | | |

RoHS Compliant		HSM 玄茂科技股份有限公司		HSUAN MAO TECHNOLOGY CO., LTD.	
APPD. 核准 HELEN	SCALE 比例 参考	GENERAL TOLERANCE .X ±0.35 .XX ±0.25 .XXX±0.15	ANGLE TOLERANCE .X° ±2' .XX° ±1' .XXX° ±0.5'	PART NAME 品名 USB A TYPE 3.OVER. DIP TYPE 9P FEMALE HORIZONTAL RIGHT ANGLE TYPE PBT MATERIAL BLUE COLOR ROHS	
DWG. 製圖 ABBY	UNIT 單位 MM	SIZE. 紙張尺寸 A4	PART NO. 料號 C8341-09AFHPXLR		
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