



RECOMMEND P.C.B. LAYOUT TOP VIEW  
(COMPONENT SIZES TOLERANCE ±0.05)

NOTES:

1. MATERIAL:
  - 1.1. HOUSING: LCP, COLOR IS BLUE, HIGH TEMPERATURE PLASTIC;
  - 1.2. CONTACT: BRASS(H65 T=0.20&0.25mm);
  - 1.3. SHELL: COLD ROLLED IRON(SPCC T=0.30mm);
2. ELECTRICAL:
  - 4.1. VOLTAGE RATING: 30V DC ;
  - 4.2. CURRENT RATING: 1.5A ;
  - 4.3. CONTACT RESISTANCE: 30MILLIOHMS MAX.;
  - 4.4. WITHSTAND VOLTAGE: 100V AC RMS 50(60)Hz, 1MIN.;
  - 4.5. INSULATION RESISTANCE: 100MEGOHMS MIN @500V DC;
5. MECHANICAL:
  - 5.1. MATING FORCE: 35N MAX.;
  - 5.2. UNMATING FORCE: 5~35N ;
  - 5.3. OPERATING LIFE: 1500 CYCLES MIN.;
6. PLATING:
  - 6.1. TERMINAL:
    - NI PLATING OVER ALL,
    - Tin PLATING ON SOLDER AREA,
    - Au 1U" ON CONTACT AREA;
  - 6.2. SHELL: NI PLATING OVER ALL;
7. ENVIRONMENTAL:
  - 7.1. STORAGE TEMPERATURE RANGE: -40°C~+85°C;
  - 7.2. OPERATION TEMPERATURE RANGE: -25°C~+70°C;
8. SALT SPRAY TEST: 24H(EXCLUDING RIVETED BENDS)

USB PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME
1	VBUS
2	D-
3	D+
4	GND
5	StdA_SSRX-
6	StdA_SSRX+
7	GND-DRAIN
8	StdA_SSTX-
9	StdA_SSTX+
SHELL	
GND	

P/N	S(外壳)	COLOER	额定电流
HC-A-003-9P-DIP10.0-1.5A-I-L-29	铁壳	蓝色	1.5A

Ordering Information

HC-A- \* - \*P - \* \* - \*A - \* \* - \* - 29

Model	Pin	Type	Mount	R-Reel	Current Rated	BF-Bend Feet	Shell	Colour
002-2.0	4P	TN=Top	Mount (R.L.)		1A		C=Copper	B=Black
003-3.0	9P	DS=DIP+SM	(焊后阻焊)		1.5A		W=White	L=Blue
		M=Med	Mount (焊后)	(R.L.)	1.5A		T=Tray	
		CH=Center	Height (焊后)		2A			
		VS=Vertical	SM (焊后)					
		DIP=DP	(焊后)					
		CP=CP	(焊后)					
		FL=Flag	(焊后)					
		FLS=Flag	SM (焊后)					

C	外壳	SPCC	镀镍	
B	端子	黄铜H65	焊料区镀锡 接触区镀金 (1U)	
A	底座	LCP	蓝色	
序号	品名	材质	电镀/颜色	备注

GENERAL TOLERANCE		制图	审核	批准	比例	投影
DIM	TOL	DRAWING	CHECK	APPROVAL	SCALE	Projection
X.X	±0.30					
X.XX	±0.20					
X.XXX	±0.10					
Angle	±3.0°					

深圳市华灿天禄电子有限公司  
ShenzhenhuacantianluELECTRONICS CO., LTD

产品名称	TYPE AF 3.0 9P 直插 L10mm	版本	REV.	A
TITLE	直边直脚 带弹 蓝胶	UNIT	UNITS	mm
产品料号	HC-A-003-9P-DIP10.0-1.5A-I-L-29	材料	MATERIAL	
PART NO.		页次	SHEET	1/1

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [USB Connectors](#) category:*

*Click to view products by [HCTL](#) manufacturer:*

Other Similar products are found below :

[950](#) [MUSBD11135](#) [17-200721](#) [217450-1](#) [KMBVX-TH-5S-B30](#) [KUSBX-AS2N-W](#) [KUSBX-SMT2AP1S-W30](#) [935](#) [957](#) [30-498-6](#) [SK-60A-2](#)  
[1734082-1](#) [30-470](#) [30-489](#) [30-541](#) [A-USB A-2P-C](#) [MIKROE-1451](#) [USBFTVSCCG](#) [1-1734084-2](#) [10135326-001LF](#) [4198](#) [USB-A-D-VT](#)  
[USB-A-S-RA-TSMT](#) [1310-1023-02](#) [690-024-633-031](#) [UB-20PMFP-LC7001](#) [17-200011](#) [UB-20AFMM-LL7A01](#) [1040870124](#) [CAP-](#)  
[WCCMLPB1](#) [CAP-WCCMLPC1](#) [2274475-3](#) [UB-20BMFA-SL8001](#) [914-614A2025S10200](#) [USB3FTV7SAGF059](#) [ZX40-B-5S-1500-](#)  
[STDA\(30\)](#) [GSB3116344HR](#) [USB3FTV2SAZNF459](#) [USB3FTV7SAZNF459](#) [U221-041N-1WVS62-F5D](#) [HYCW153-USBD05-500B](#)  
[HYCW219-USBD05-075B](#) [HYCW148-USBD05-117B](#) [HYCW149-USBD05-740B](#) [HYCW204-USBD05-108B](#) [HYCW214-USBA04-113B](#)  
[HYCW213-USBA04-113B](#) [UB-20AMFM-SL7A01](#) [KMMX-BSMT35S-1-B30TR](#) [2345986-1](#)