

1

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3

4

A

A

B

B

C

C

D

D

Dimensions: 5.60 (width), 1.61 (height), 7.24 (height), 3.18 (height), 10.80 (height), 8.45 (width), PDS 5, PDS 9, 2, 1, 3, 4.

Dimensions: 18.30 (width), 12.20 REF (height), 12.90 (height), 2.38 (height), 2.70 (width), 10.30 (width), 2.00 (width).

MATERIALS

HOUSING: THERMOPLASTIC (UL 94V-0)  
 SHELL: COPPER ALLOY, NICKEL PLATING  
 TERMINAL: COPPER ALLOY, GOLD PLATED ON CONTACT AREA  
 TIN PLATING ON SOLDER TAIL

SPECIFICATION

CURRENT RATING: 1 AMP MAX  
 DIELECTRIC WITHSTANDING: 500V AC FOR ONE MINUTE  
 CONTACT RESISTANCE: 30m OHMS MAX  
 INSULATION RESISTANCE: 1000M OHMS AT DC 500V  
 OPERATION TEMPERATURE: -25°C TO +85°C

PART NUMBER

22FC - 09 \* T - 1 1 3 L

SERIES: 22FC  
 NO. OF POS.: 09  
 CONTACT PLATED OPTION: \*  
 TIN PLATING ON SOLDER TAIL: T  
 LEAD FREE: 1  
 TRAY PACKAGE: 1  
 3  
 L

1: GOLD FLASH  
 2: 5u" GOLD  
 3: 10u" GOLD  
 4: 15u" GOLD  
 6: 30u" GOLD

Pin NUMBER	SIGNAL NAME
1	VBUS
2	D-
3	D+
4	GND
5	StdB_SSTX-
6	StdB_SSTX+
7	GND_DRAIN
8	StdB_SSRX-
9	StdB_SSRX+
Shell	Shield

Dimensions: 12.00 REF (width), 2.5±0.1 (width), 5±0.1 (width), 8.5±0.1 (width).

Dimensions: 12.04 (width), 8.50 (width), 2.50 (width), 1.75 (width), 2.00 (width), 2.00 (width), 2.71 (width), 4.77 (width), 2.50 (width).  
 Hole sizes:  $\phi 0.7 \pm 0.05 \times 5$ ,  $\phi 0.92 \pm 0.10 \times 4$ ,  $\phi 2.3 \pm 0.1 \times 2$ .

RECOMMENDED PCB LAYOUT  
 TOP VIEW (TOLERANCE : ±0.05)

淮洋有限公司 HUAI YANG CO., LTD.		SERIES: USB CONNECTOR SERIES	
LINEAR: .X±0.30 .XX±0.20 .XXX±0.10		TITLE: USB 3.0 B TYPE, PCB MOUNT, R/A, METAL SHIELD, FEMALE	
ANGLES: ±3°		DWG NO. 22FC-004	
APPROVALS DRAWN: Ron CHECKED: Lion APPROVED: James		SIZE: A4	VERSION: A
		SCALE: NONE	UNIT: mm
10171		SHEET: 1 OF 1	

REV.	DESCRIPTION	DATE
B	MODIFY STRUCTURE ①	2010.10.15
A	RELEASE	2010.5.28

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