

NOTE:

1.MATERIAL:

- 1.1 INSULATOR:HIGH TEMPERATURE PLASTIC UL 94 V-0;
1.2 CONTACT:COPPER ALLOY(T=0.2mm)
1.3 SHELL:SUS201(T=0.30mm)

2.ELECTRICAL CHARACTERISTICS;

- 2.1 CONTACT RESISTANCE: 30m Max
2.2 CONTACT CURRENT RATING: 1.5A
2.3 DIELECTRIC WITHSTANDING VOLTAGE: 500 V R.M.S.
2.4 INSULATION RESISTANCE 100 MEGOHMS M
2.5 OPERATING TEMPERATURE: -40°C ~ 85°C
2.6 RATE VOLTAGE: 30V DC

3 MECHANICAL CHARACTERISTICS:

- 3.1 MATING FORCE:10 N Min INITIAL; 8 N Min AFTER TEST
3.2 UNMATED FORCE:35 N Max
3.3 DURABILITY:5,000 CYCLES

4. PLATING

- 4.1 TERMINAL CONTACT:GOLD PLATING ALL OVER
50u" MIN NICKEL AND 80u"MIN Matte Tin
NICKEL IN SOLDER AREA(SEE TAB)
4.2 SHELL:50u"MIN. NICKEL ALL OVER

Pin #	SIGNAL NAME	DESCRIPTION	MATING SEQUENCE
1	VBUS	POWER	SECOND
2	D-	USB 2.0 DIFFERENTIAL PAIR	THIRD
3	D+		
4	GND	GROUND FOR POWER RETURN	SECOND
Shell	Shield	CONNECTOR METAL SHELL	FRIST

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TOLERANCES			PROJECTION	TITLE				
x. = ± 0.50	x.° ± 10°		USB 2.0 Sink Type 4.04mm Connector					
x.x = ± 0.30	x.° ± 5°							
x.xx = ± 0.20	.xx° ± 2°							
x.xxx = ± 0.15	.xxx° ± ---							
			UNIT					
			mm					
DRAWN	COCO	DATE	2008/08/08	PART NO.	USB-SA20-CB404PK			
SCALE	1:1	SIZE	A4	SHEET	1/1	REV	B	

TOLERANCE: ± 0.05 , THICKNESS: 1.0~1.2mm
RECOMMENDED PCB LAYOUT
 (TOP VIEW)
 KEEP OUT AREA

					DRAWN	COCO	DATE	2008/08/08	PART NO.	USB-SA20-CB404PK		
REVISION NO.	ECR NO.	DESCRIPTION	MARK	DATE	SCALE	1:1	SIZE	A4	SHEET	1/1	REV	B
1		2	3	↑	4	5			6			