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CONFIDENTIAL

SPECIFICATIONS:

MATERIAL:
Insulator: Thermoplastic, Rated UL 94V-0
Contacts: Copper Alloy
Shell: Steel

CONTACT PLATING:
Underplate: 80µ" Nickel
Contact area: 30µ" Pd-Ni +2µ" Gold
Solder Tails area: 100µ" ~ 200µ" Tin (Lead Free)

ELECTRICAL:
Current Rating:1.8 Amps (max)
Contact Resistance:30 m ohm (max) initial for VBUS and GND Contacts.
50 mohm (max) initial for all others Contacts.
Insulation resistance: 100 Mohms min@ 100 VDC
Dielectric Withstanding Voltage: 100 VAC/ minute
Temperature Range: -25°C TO +105°C



DESCRIPTIONS:

- 1. USB Series: 3.1
- 2. Type: Standard (DIP)
- 3. ROHS2 (Halogen Free)
- 4. Contact Number: 9 Pins.
- 5. Contact Type: Female
- 6. Shell Plating: 80µ" Nickel
- 7. Packaging: Tray
- 8. Insulator Color: Blue.

PINNING TABLE:

Pin Number	Signal Number
1	VBUS
2	D-
3	D+
4	GND
5	StdA-SSRX-
6	StdA-SSRX-
7	GND_DRAIN
8	StdA-SSTX-
9	StdA-SSTX-
10	PD DETECT
11	INSERTION DETECT

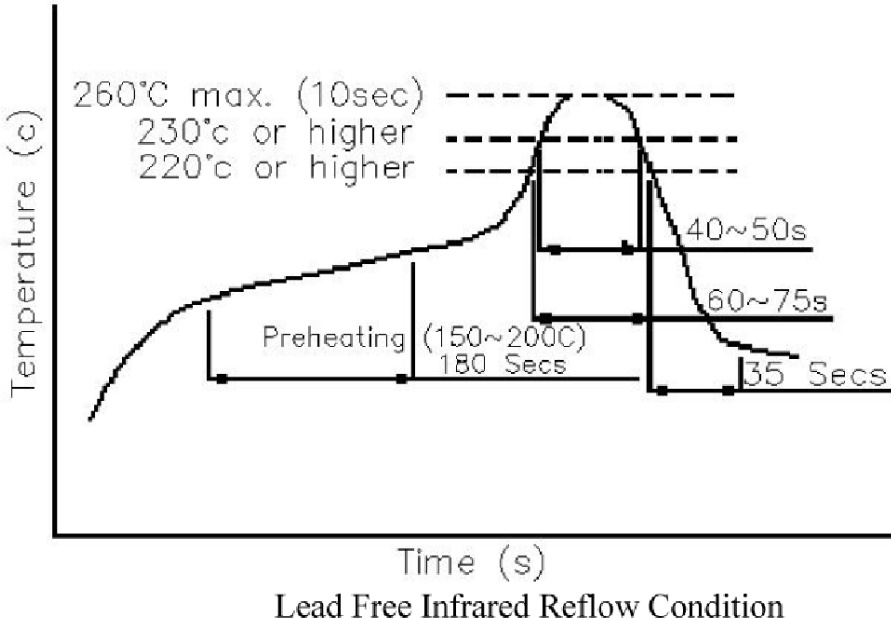
Specification/Drawing subject to alteration without prior notice



Unless otherwise specified : Dimensions are in millimeters ANG. ± 5° 0. ±0.50 .0 ±0.30 .00 ±0.20		REV.	REVISION DESCRIPTION	INITIALS	REV. DATE
Order / Article No. 24-02751		△			
NOTES:		△			
ANGLE PROJECTION:		△			
THIRD		A	Temperature updated	MEZ	10.08.2015
DO NOT SCALE DRAWING		CLASSIFICATION: USB3.1, A type TH Version, female, 90°			
NAME		DESIGN	MEZ	DATE	09.12.2014
DRAWN		MEZ	10.08.2015	TITLE:	USB-3.1-A-T9-AL-TRAY
CHECKED		SB	13.08.2015	DWG NO.:	Customer-P(028)A142
WEIGHT:		SCALE: None		SHEET1 OF 2	REVISION: A
		A3 - ASSEMBLY			

RoHS compliant acc. to directive 2011/65/EU

Test	Test criteria	Test procedure
Resistance to Soldering Heat	Without deformation of case or excessive looseness of the terminals(pin).	Temperature Endurance Connector must be able to endure 3 pass with profile of peak temperature at 260°C for 10sec above, and Time above liquid (>217°C) for more than 60 sec. (It is temperature at component surface).
Solder ability	95% of immersed area must show no voids,Pinholes	Dip solder tails into the molten solder (held at 245±5°C) up to 0.5mm from the tip of tails for 3±0.5sec)



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			CHECKED	SB	10.08.2015					
WEIGHT:						SCALE: None		SHEET2 OF 2	A3 - ASSEMBLY	