



REV.	ECN NO.	DESCRIPTION	DRAW	CHECK	APPD.	DATE
A4	ECN150626001	增加PBT黑规格	Amanda	—	—	15-06-26
A5	ECN151111001	变更尺寸标注位置及尺寸公差	Elaine			15-11-11
A6	ECN160408001	共用B款端子	H.QIU	BENDEE	BENDEE	16-04-08

**SPECIFICATIONS:**

- Electrical Performance:
  - Contact current Rating:
    - 1.80 Amperes for VBUS and GND contacts
    - 0.25 Amperes for all other contacts
  - Dielectric Withstanding Voltage: AC 100V(RMS).
  - Insulation resistance: 100M ohms Min
  - Contact Resistance:
    - 30m ohm Max for VBUS and GND contacts
    - 50m ohm Max for all other contacts
  - Voltage Rating : 30 Vac (rms)
- Mechanical Performance:
  - Mating Force: 35N Max
  - Unmating Force: 10N Min; 8N Min After Durability.
- Environmental Performance:
  - Temperature Range:
    - Operating Temperature: -55°C to +85°C
    - Storage Temperature: -20°C to +60°C
  - Salt Spray 24h Min
- MATERIAL:
  - Housing: see table UL94 V-0
  - Contact: 2.0 Contacts C5191  
3.0 Contacts C2680
  - Shell: see table
- PLATING:
  - Contact: Au Plated on contact area  
Tin 100u" Plated on solder area  
Nickel 50u" Plated underplating over all.
  - Shell: Nickel 50u" Plated.

**料号备注**  
**T10-3 F 068 U XX X XX X X**

12=半金壳插1U"	00=PBT 蓝铜壳被镍	R=ROHS2.0标准	B=盐雾24H
13=半金壳插3U"	01=PBT 蓝铁壳被镍	W=无卤+ROHS2.0	C=盐雾48H
14=半金壳插5U"	02=PA9T 蓝铜壳被镍	H=REACH标准	
15=半金壳插15U"	03=LCP 蓝铜壳被镍		
16=半金壳插30U"	04=PA9T 黑铁壳被镍		
	05=PA9T 蓝铁壳被镍		
	06=PBT 黑铜壳被镍		

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF DONGGUAN TIANDU ELECTRONICS CO.,LTD. AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF DONGGUAN TIANDU ELECTRONICS CO., LTD

Pin Number	Signal Name	Pin Number	Signal Name
1/10	VBUS	5/14	SSRX-
2/11	D-	6/15	SSRX+
3/12	D+	7/16	GND
4/13	GND	8/17	SSTX-
Shell	Shield	9/18	SSTX+

**东莞市田都电子有限公司**  
DONGGUAN TIANDU ELECTRONIC CO.,LTD

UNLESS OTHERWISE SPECIFIED TOLERANCES	APPROVAL	日期	品名规格	USB 3.0 AF双层90° DIP
	制图 WEIMINGJUN	2012.08.22		
METRIC 0.35 0.25 0.25	审核		料号	SEE TABLE
	核准		文件位置	
FRACTIONS +/- ANGLES +/- 2.00'	ANGLE OF PROJECTION		字库	工程图号:
	DIMENSIONS (METRIC) (MM)		A4	TDU-USBAF-0105
	比例 1:1		状态码 A	页数 1 OF 1