

ROHS Compliant

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RECOMMENDED P.C.B. LAYOUT  
TOLERANCE UNSPECIFIED ±0.05mm

PIN DEFINE:

PART	P2	P4	P6	P8	P10	P1	P3	P5	P7	P9
USB	VBUS	D-	D+	GND						

C	SHIELD	1	SPEC 0.30T	Ni&Tin PLATED
B	TERMINAL	10	COPPER ALLOY 0.15T	Gold Flash On Contact Area Tin plated on Solder tail All over Nickel Plated.
A	HOUSING	1	THERMOPLASTIC UL94-V0	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: ANGLES:

X : ±0.5 X : ±2°  
X.X : ±0.3 X.X : ±1°  
X.XX : ±0.2

TITLE: Mini usb 10P 连接器 SMT  
PART NO. 1031003AR006  
DWG ARES 2015.09.25  
CHKD  
APVD  
SCALE 1:1 UNIT: mm  
SIZE: A4 SHEET: 10F1 REV: A

REV	ECN NO	OR DESCRIPTION	REVISED	DATE
A		PRODUCT RELEASE	ARES	2015.09.25

NOTE:

- ELECTRICAL CHARACTERISTICS
  - 1-1. VOLTAGE RATING: 30V AC
  - 1-2. CURRENT RATING: 2.0A
  - 1-3. CONTACT RESISTANCE: 50 milliohms MAX.
  - 1-4. INSULATION RESISTANCE: 100 Megohms MIN.
  - 1-5. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR 1 MINUTE.
- MECHANICAL CHARACTERISTICS
  - 2-1. MATING&UMMATING FORCE: 0.7kgf~3.5kgf
  - 2-2. DURABILITY: 10000CYCLES
- SALT SPRAY: 24H
- OPERATING TEMPERATURE: -40°C~85°C
- ROHS 2002/95/EC COMPLIANT.
- MPQ : 800PCS/REEL.

TETULL CORPORATION