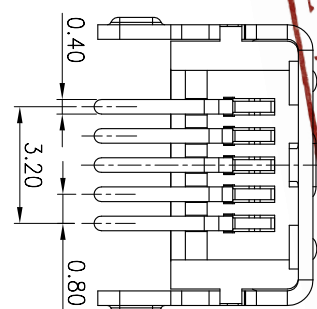
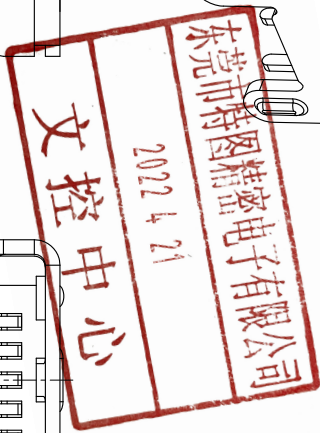


RECOMMENDED P.C.B. LAYOUT  
TOLERANCE UNSPECIFIED ±0.05mm



SHELL	SHIELD
5	GND
4	ID
3	D+
2	D-
1	VBUS
PIN	NAME
PIN	ASSIGNMENT

- NOTE:
- ELECTRICAL CHARACTERISTICS
    - VOLTAGE RATING: 30V AC
    - CURRENT RATING: 1.0A
    - CONTACT RESISTANCE: 50 milliohms MAX.
    - INSULATION RESISTANCE: 100 Megohms MIN.
    - DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR 1 MINUTE.
  - MECHANICAL CHARACTERISTICS
    - MATING&UNMATING FORCE: 0.7kgf~3.5kgf
    - DURABILITY: 5000 CYCLES
    - SALT SPRAY: 24H
    - OPERATING TEMPERATURE: -40°C~85°C
    - RoHS 2002/95/EC COMPLIANT.
    - MPQ : 100PCS/TRAY.

REV	ECN NO OR DESCRIPTION	REVISED	DATE
A	PRODUCT RELEASE	ARES	2015.09.11

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
C	SHIELD	1	COPPER ALLOY 0.40T	Ni&Tin PLATED
B	TERMINAL	5	COPPER ALLOY 0.25T	Gold Flash On Contact Area Tin plated on Solder tail All over Nickel Plated.
A	HOUSING	1	THERMOPLASTIC UL94-V0	BLACK

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

TITLE:	Mini usb FM 5P RA DIP TYPE
PART NO.	1030505AT002
DWN.	ARES
CHKD	2015.09.11
APVD	
SCALE 1:1	UNIT: mm
SIZE: A4	SHEET: 10F1
CUSTOMER COPY	REV. A