

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
02	ECN NO.	UPDATED DRAWINGS	2019.06.04	
03	ECN NO.	ADD P/N	2019.08.19	

NOTE:

1.MATERIAL SPECIFICATION:

- 1.HOUSING:LCP,UL94 V-0 BLACK.
- 2.CONTACTS: BRASS(C2680)
- 3.FRONT SHELL: STAINLESS STEEL(SUS304)

2.PLATING SPECIFICATION:

2-1.CONTACTS:

Ni 50u" MIN. UNDER PLATED OVER ALL.

Au 1u"MIN PLATED ON THE FUNCTIONAL AREA OF CONTACT.

2-2.FRONT SHELL:

Ni 30u" MIN. UNDER PLATED OVER ALL.

3.MECHANICAL PERFORMANCE:

3-1.INSERTION FORCE: 3.5Kgf MAX

3-2.REMOVAL FORCE: 0.8kgf MIN

3-3.DURABILITY: 10000 CYCLES.

4.ELECTRICAL PERFORMANCE,

4-1.CURRENT RATING:

VBUS & GND PINS: 1.8A MAX.

OTHER PINS: 0.5A MAX.

4-2. LLCR:

VBUS & GND PINS AND OTHER PINS: 30mΩ/PIN MAX.

SHIELD: 50mΩ/MAX.

LLCR MAX. CHANGE OF ALL PINS: 10mΩ.

4-3.INSULATION RESISTANCE: 100MΩ MIN

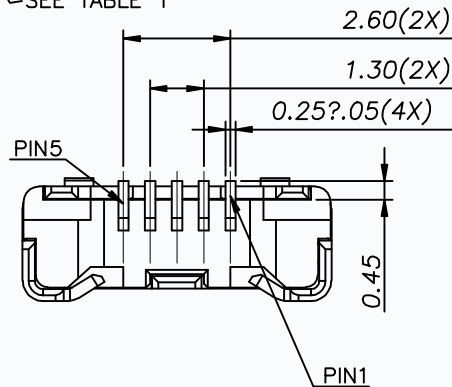
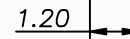
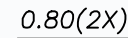
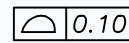
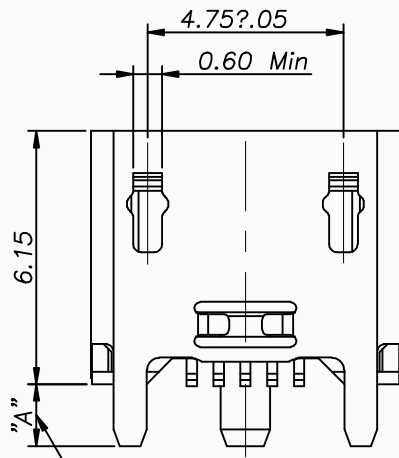
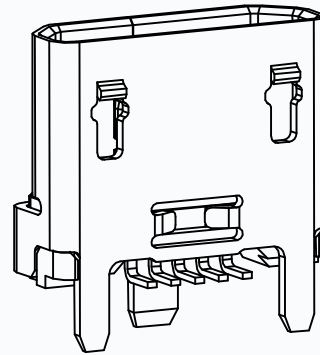
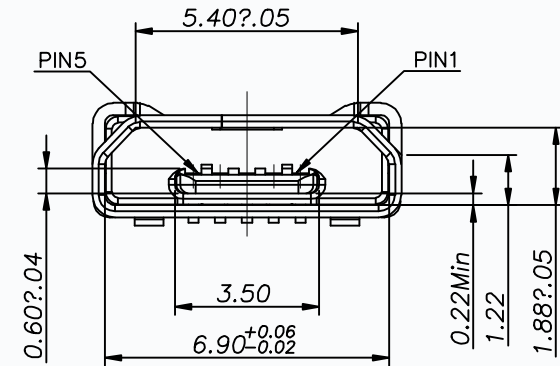
4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.

5. ENVIRONMENTAL PERFORMANCE:

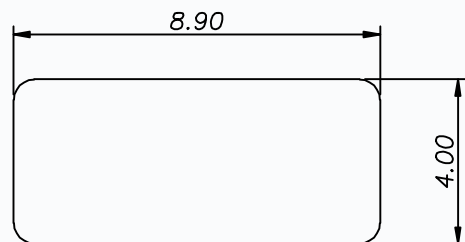
OPERATING TEMPERATURE: -25℃~+85℃.

6.IR REFLOW:

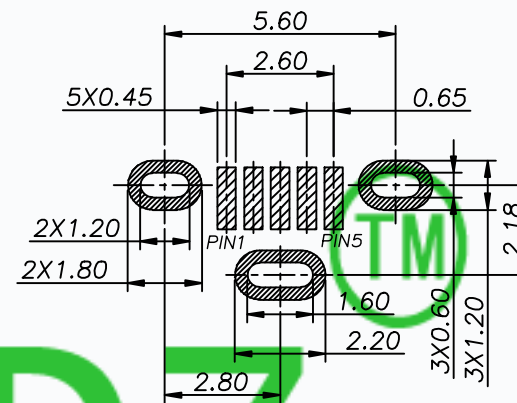
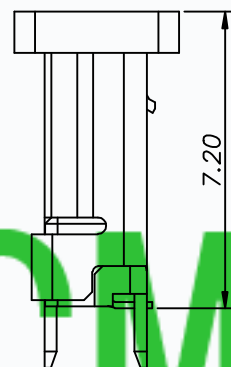
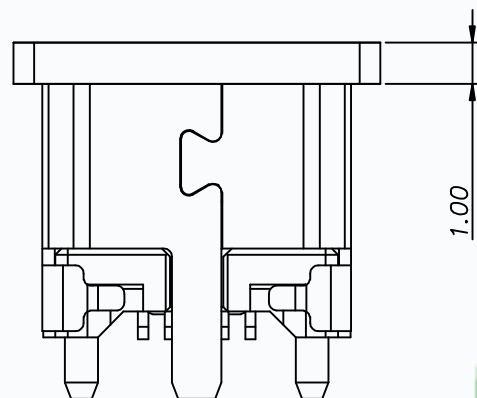
THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.



TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING	东莞市田都电子有限公司 DONGGUAN TIANDU ELECTRONICS CO.,LTD		
X.X ±0.30	X.' ±10'	PART NO.	TITLE: T10-05LS05-XXX		
.XX ±0.20	.X' ± 8'	DESIGN:	DRAWG NO. TDU-0101-4200		
.XXX ±0.10	.XX' ± 5'		SCALE SHEET REV. 1:1 1/3 03		
UNITS	mm	CHED:			
MATERILA		APPD:			
FINISH					



WITH PICK UP COVER



RECOMMENDED PCB LAYOUT(TOP VIEW)

DEFAULT TOLERANCE:±0.05

MICRO USB PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME
Pin1	VBUS
Pin2	D-
Pin3	D+
Pin4	ID
Pin5	GND

TABLE 1

ITEM	P/N	"A" DIMENSIONS
1	010101010-420	2.30mm
2	010101010-454	1.50mm
3	010101010-553	0.95mm

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MATERILA					
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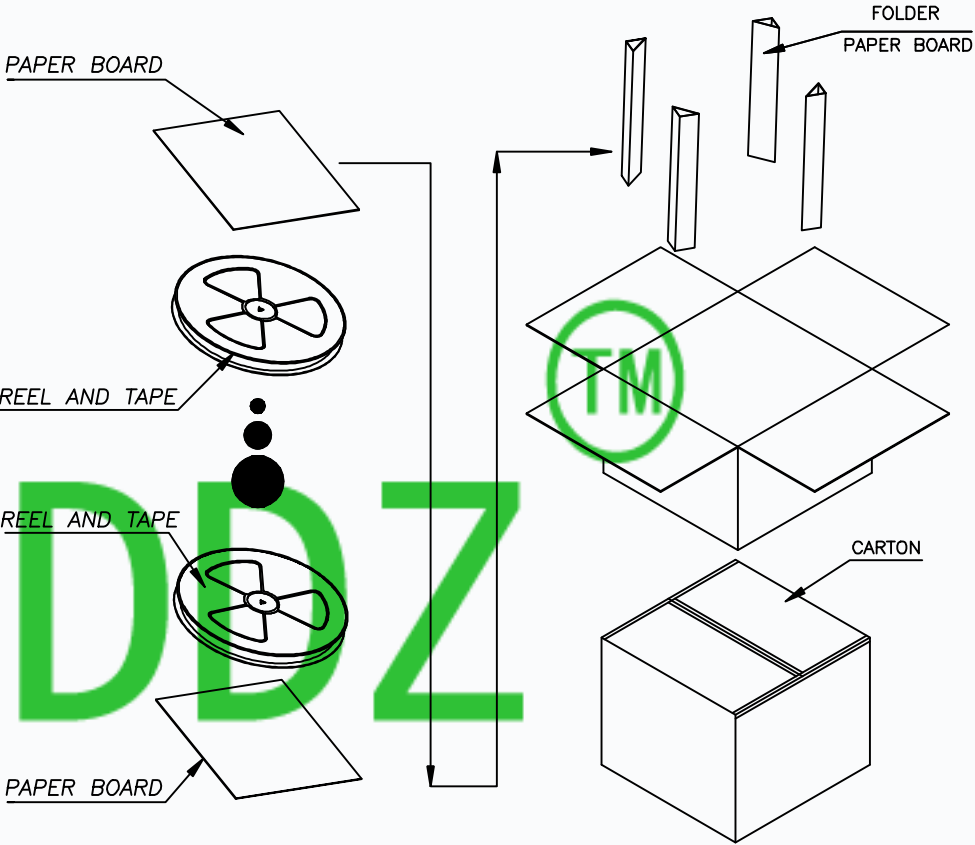
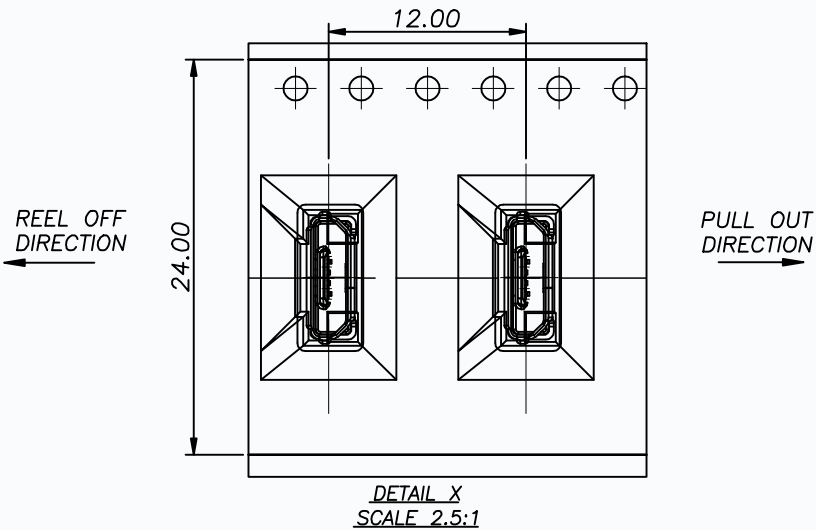
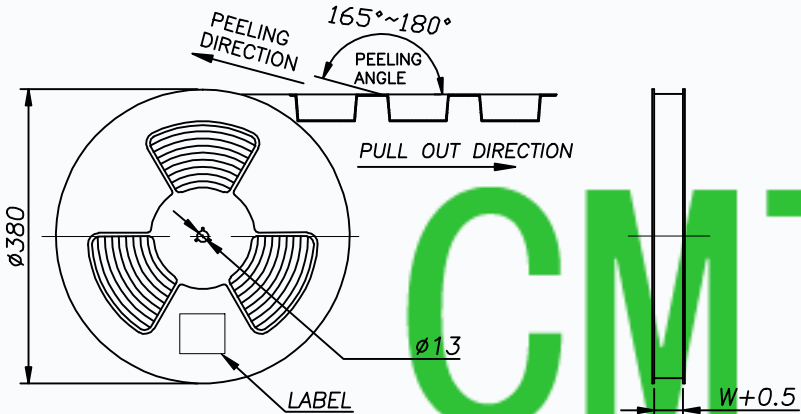
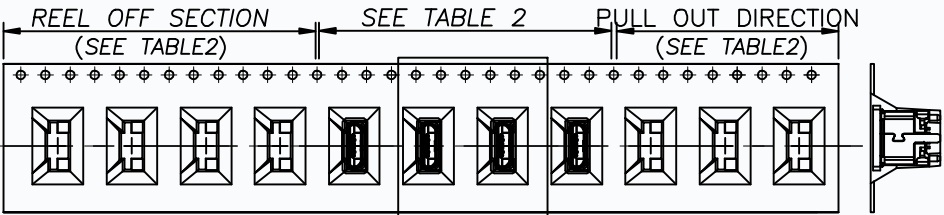


TABLE 2

P/N	CONNECTOR REEL/TRAY	CARTON	SECTION CAVITY	FREE LEADER CAVITY		
010101010-454	750PCS	7500PCS	35	15		
010101010-553	750PCS	7500PCS	35	15		
010101010-420	600PCS	6000PCS	16	16		
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X.X ±0.30	X.' ±10'	PART NO.		TITLE: T10-05LS05-XXX		
.XX ±0.20	.X' ± 8'					
.XXX ±0.10	.XX' ± 5'	DESIGN:		DRAWG NO. TDU-0101-4200		
UNITS	mm					
MATERILA		CHED:		SCALE SHEET REV.		
FINISH		APPD:				
				1:1	3/3	03