

RoHs

VER	MARK	PR. BY	DESCRIPTION	DATE

NOTE:

1.MATERIAL SPECIFICATION:

- 1.HOUSING:PA9T COLOR SEE TABLE 1,UL94 V-0.
- 2.CONTACTS:COPPER ALLOY(C1814)
- 3.MID PLATE&SPRING: STAINLESS STEEL(SUS301)
- 4.FRONT SHELL: STAINLESS STEEL(SUS304)

2.PLATING SPECIFICATION:

- 2-1.CONTACTS:
Ni 50u" MIN. UNDER PLATED OVER ALL.
Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
(GOLD PLATING THICKNESS FOLLOW THE P/N)
PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N

2-2.FRONT SHELL & COVER:

- Ni 30u" MIN. UNDER PLATED OVER ALL.

2-3.MID PLATE & EMI SPRING:

- CLEAR ONLY

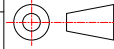
3.MECHANICAL PERFORMANCE,

- 3-1.INSERTION FORCE: 0.5~2.0kgf.
- 3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
- 3-3.DURABILITY: 10000 CYCLES.

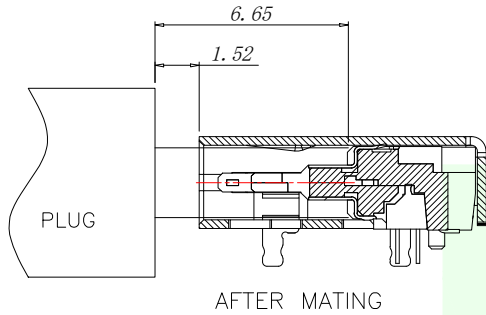
4.ELECTRICAL PERFORMANCE,

- 4-1. CURRENT RATING:3.0A
VOLTAGE RATING:5.0V
 - 4-2. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/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°C~+85°C.
 - 6.IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

TABLE 1

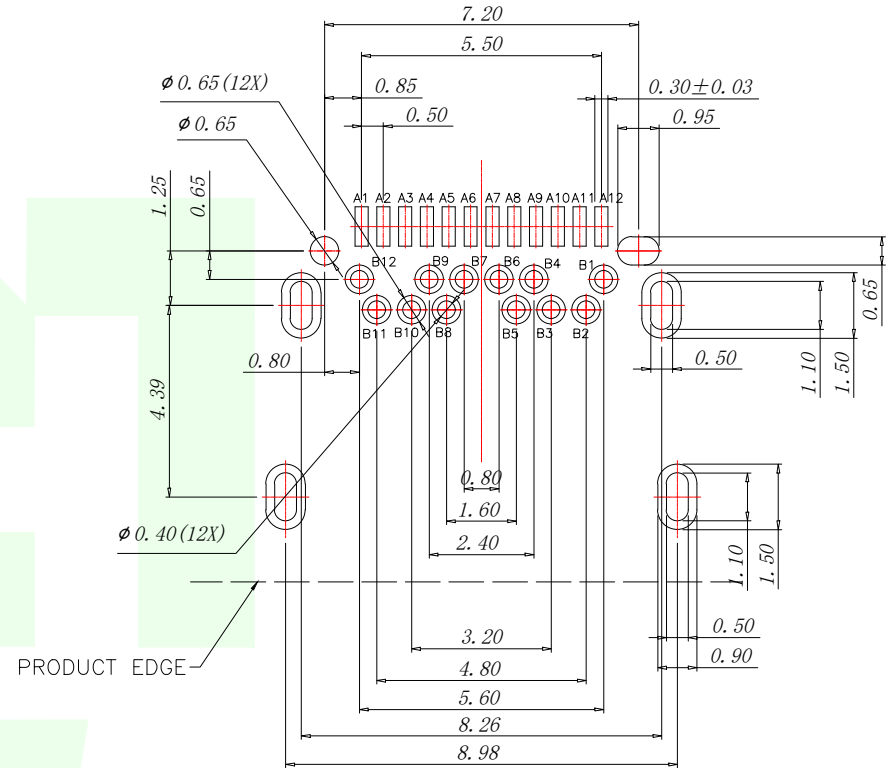
ITEM	P/N	HOUSING COLOR	CONTACTS		
			FUNCTIONAL AREA	SOLDER AREA	
1	TYPE-C7064C-511-L987	BLACK	Au:G/F	Au:G/F	
GENERAL TOLERANCES UNLESS SPECIFIED		 深圳市华明通电子有限公司 Shenzhen Huamingtong Electronics Co., Ltd			
X.X ±0.30	X.° ±10°	PART NO.	TITLE: USB CF TYPE DIP+SMT CONN		
.XX ±0.20	X.X° ±8°	TYPE-C7064C-511-L987			
.XXX ±0.10	X.XX°±5°	DESIGN: James	CUSTOMER	SIZE	UNITS
MANUFACTURE DWG		CHED: Talen		A4	MM
		APPD: Sophia		SCALE	SHEET
				N:A	1/3

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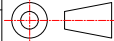


USB TYPE-C PIN ASSIGNMENTS

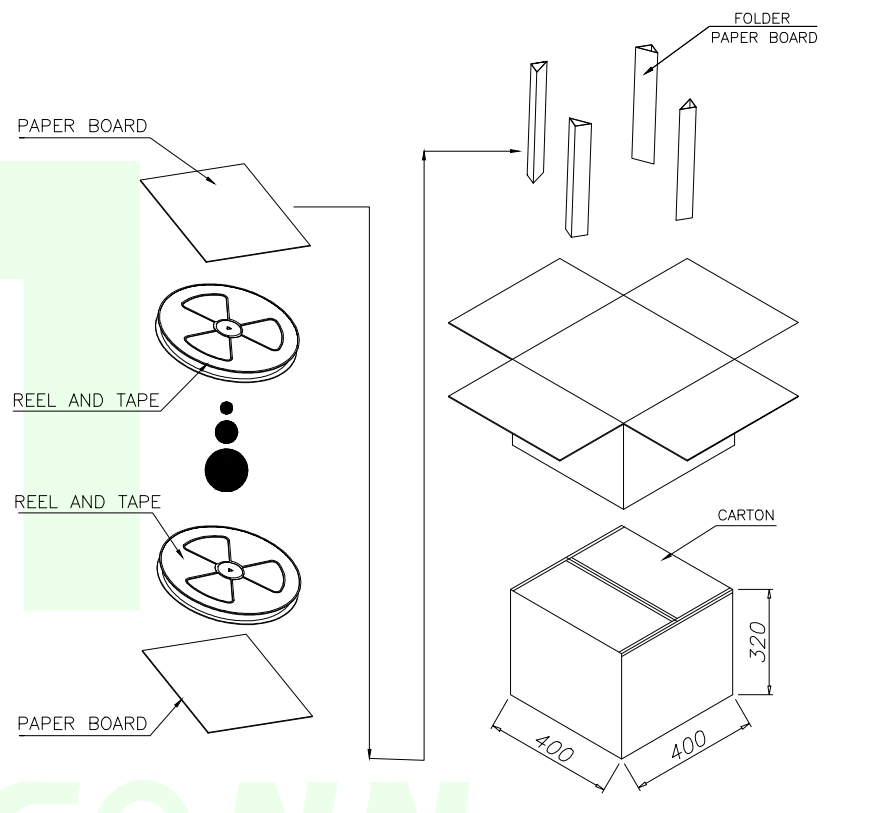
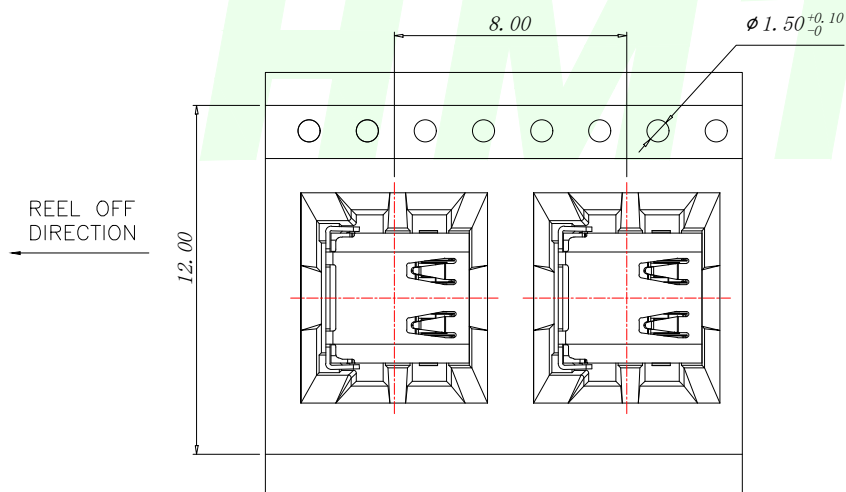
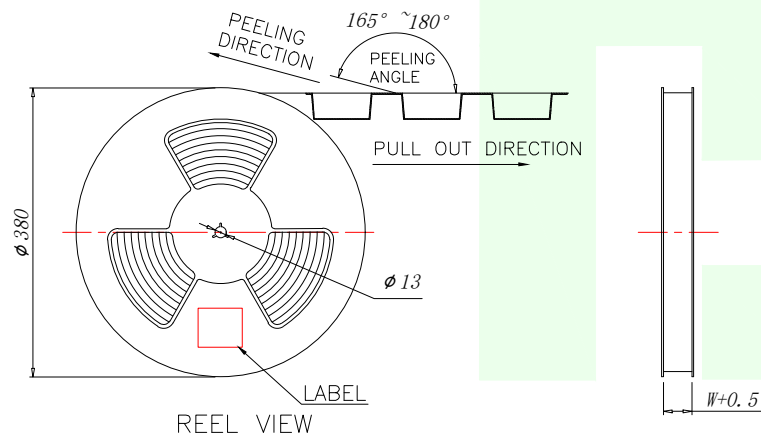
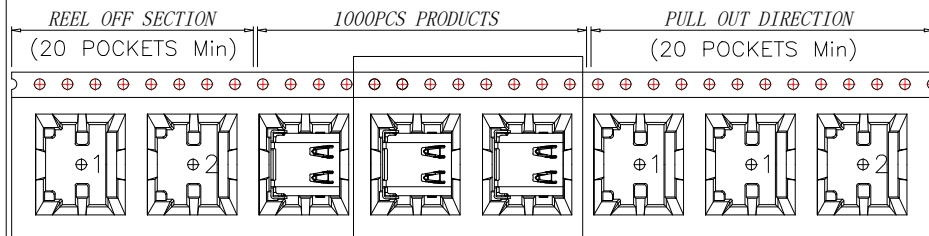
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	VBus	B9	VBus
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBus	B4	VBus
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND



SCALE 1.5:1
RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.8 MM;DEFAULT TOLERANCE:±0.05

GENERAL TOLERANCES UNLESS SPECIFIED		 深圳市华明通电子有限公司 HMTconn Shenzhen Huamingtong Electronics Co., Ltd		
X.X ±0.30	X.° ±10°	PART NO. TYPE-C7064C-511-L987	TITLE: USB CF TYPE DIP+SMT CONN	
.XX ±0.20	X.X° ±8°		CUSTOMER	SIZE A4
.XXX ±0.10	X.XX° ±5°	DESIGN: James		UNITS MM
MANUFACTURE DWG		CHED: Talen		SCALE
		APPD: Sophia		SHEET
				N:A 2/3

RoHs



	REEL/TRAY	CARTON
CONNECTOR (PCS)	1000	10000

GENERAL TOLERANCES
UNLESS SPECIFIED

X.X	±0.30	X.°	±10°
.XX	±0.20	X.X°	±8°
.XXX	±0.10	X.XX°	±5°

MANUFACTURE DWG

HMTCONN 深圳市华明通电子有限公司
Shenzhen Huamingtong Electronics Co., Ltd

PART NO. TYPE-C7064C-511-L987		TITLE: USB CF TYPE DIP+SMT CONN		
DESIGN:	James	CUSTOMER	SIZE A4	UNITS MM
CHED:	Talen		SCALE N:A	SHEET 3/3
APPD:	Sophia			