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REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PROPOSE ONLY	ERIC	2017.08.13

0.20±0.05(16x)

TABLE 1

ITEM	P/N	HOUSING COLOR	FUNCTIONAL AREA	SOLDER AREA
1	MCOR-220216-16G	BLACK	Au: 3u"	Au: G/F

NOTE:

1.MATERIAL SPECIFICATION:

1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.

2.CONTACTS:COPPER ALLOY

3.MID PLATE: STAINLESS STEEL

4.FRONT SHELL: STAINLESS STEEL

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:

Ni 30u" MIN. UNDER PLATED OVER ALL.

2-3.SHIELD PLATE&EMI PLATE:

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℃~+85℃.

6.IR REFLOW:

THE PEAK TEMPERATURE ON THE BOARD SHALL

BE MAINTAINED FOR 10 SECONDS AT 260℃.

7.PART No.:

MC 0 R - 22 02 16- 16 G

MC=TYPE.C CONN.

0=WITHOUT POST

R=RECTACLE

22:HEIGHT 2.2mm

G=gold flash

16=LOW PCB DIP+DIP L=6.5 TYPE

Pin NO. 16=16Pin

02=LOW BOARD

4	MID PLATE	STAINLESS STEEL	---	1PCS
3	SHELL	STAINLESS STEEL	Ni Plated	1PCS
2	CONTACT	COPPER ALLOY	Au/Ni/Sn Plated	1SET
1	HOUSING	HIGH TEMPERATURE PLASTIC	BLACK	1PCS
NO.	DESCRIPTION	MATERIAL	REMARKS	QTY

UNLESS OTHERWISE
SPECIFIED TOLERANCES

DECIMALS:

ANGLES:

X :±0.5

X :±2°

X.X :±0.20

X.X :±1°

X.XX :±0.10

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(type.C) 16PIN RECTACLE Conn Asm.
low PCB 1.0mm 4DIP TYPE L=6.5MM

DWN Johnie PART NO. SHK-31386

CHKD Kevin.d	SCALE: 1:1	UNIT: mm	
APVD Simon.Mo	SIZE: A4	SHEET: 10F1	

CUSTOMER COPY

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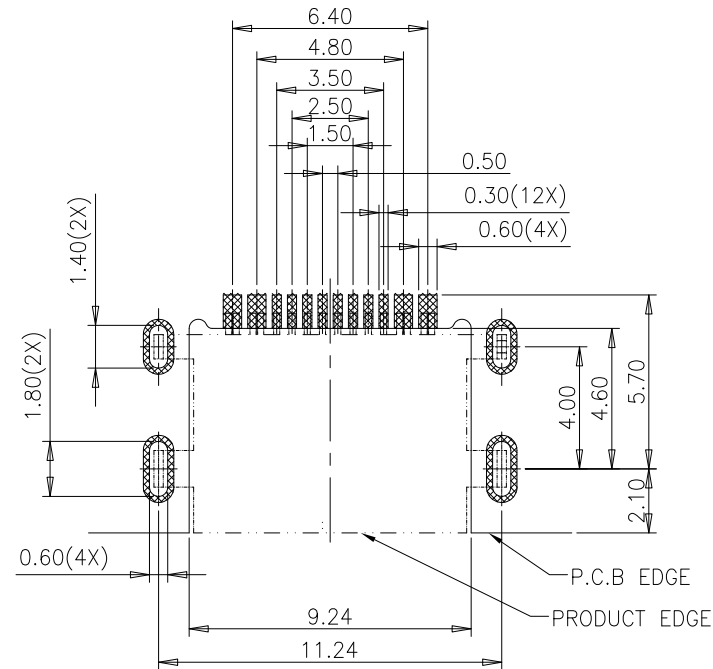
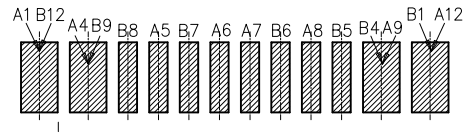
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RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

UNLESS OTHERWISE SPECIFIED TOLERANCES		深圳市顺宏康科技有限公司			
DECIMALS:	ANGLES:	TITLE	(type.C) 16PIN RECPTACLE Conn Asm. low PCB 1.0mm 4DIP TYPE L=6.5MM		
X :±0.5	X :±2°	DWN	Johnie	PART NO.	SHK-31386
X.X :±0.20	X.X :±1°	CHKD	Kevin.d	SCALE: 1:1	UNIT: mm
X.XX :±0.10		APVD	Simon.Mo	SIZE: A4	SHEET: 10F1
		CUSTOMER COPY			

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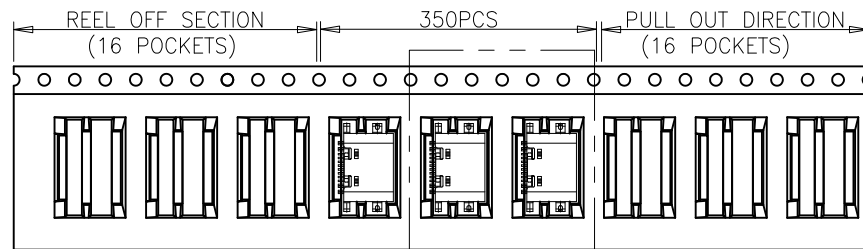
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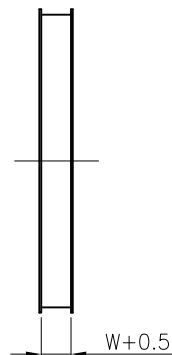
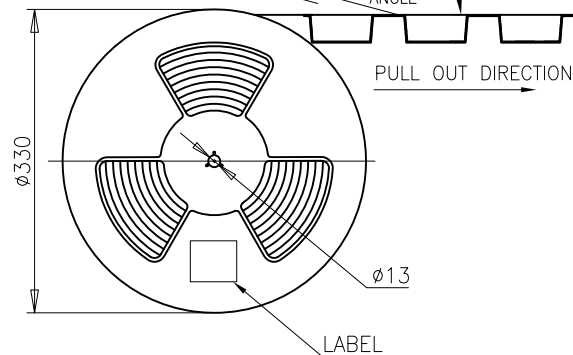
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SEE DETAIL X

PEELING DIRECTION
165°~180°
PEELING ANGLE

PAPER BOARD

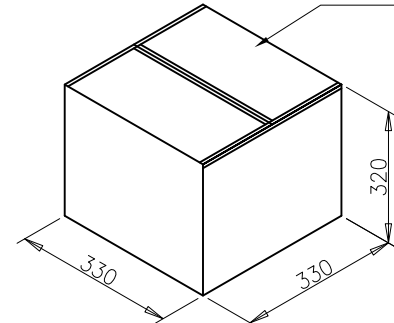
REEL AND TAPE

REEL AND TAPE

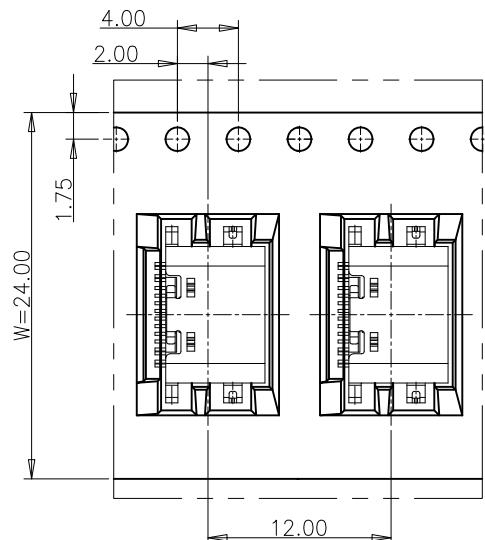
PAPER BOARD

FOLDER
PAPER BOARD

CARTON



REEL OFF DIRECTION



	REEL	CARTON
CONNECTOR (PCS)	1400	14000

UNLESS OTHERWISE
SPECIFIED TOLERANCES

DECIMALS:	ANGLES:
X : ±0.5	X : ±2°
X.X : ±0.20	X.X : ±1°
X.XX : ±0.10	

深圳市顺宏康科技有限公司

TITLE	(type.C) 16PIN RECEPTACLE Conn Asm. low PCB 1.0mm 4DIP TYPE L=6.5MM			
DWN	Johnie	PART NO.	SHK-31386	
CHKD	Kevin.d	SCALE: 1:1	UNIT: mm	⌀
APVD	Simon.Mo	SIZE: A4	SHEET: 10F1	REV: A

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