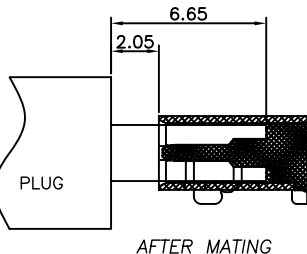
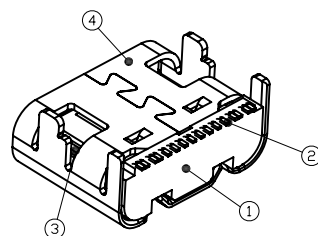
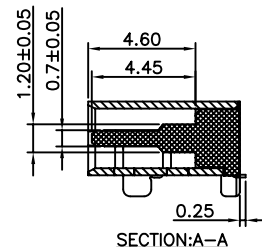
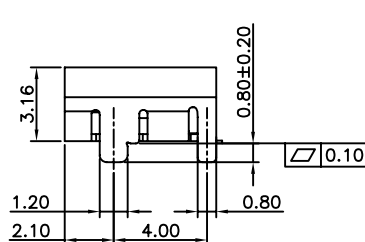


RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.60MM;DEFAULT TOLERANCE:±0.05



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

REV	ECN No.	DATE	REMARK
A	NEW	2015.05.10	NEW RELEASE
B	ECN2003002	2020.03.12	修改图纸与实物相符

NOTE:

- MATERIAL SPECIFICATION:
 - HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC LCP BK,UL94 V-0.
 - CONTACTS:COPPER ALLOY C1814
 - MID PLATE: STAINLESS STEEL 301
 - FRONT SHELL: STAINLESS STEEL 304
- PLATING SPECIFICATION:
 - 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
 - FRONT SHELL:
Ni 30u" MIN. UNDER PLATED OVER ALL.
 - MID PLATE:
CLEAR ONLY
- MECHANICAL PERFORMANCE,
 - INSERTION FORCE: 0.5~2.0kgf.
 - REMOVAL FORCE: 0.8kgf~2.0kgf.
 - DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
 - CURRENT RATING:5.0A
VOLTAGE RATING:5.0V
 - LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD: 50mΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - INSULATION RESISTANCE: 100MΩ MIN
 - DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
- ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
- IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

7. PART NUMBER CODE:

2UBCF055S X X 12 R-A-01
(1) (2) (3)

- HOUSING MATERIAL:
L:LCP
Q:PA10T
- HOUSING COLOR:
B:BLACK
O:Orange
- CONTACTS PLATED:
12:接触镀金3u"焊接区域镀金1u"

QUALITY SYMBOL	GENERAL TOLERANCES (UNLESS SPECIFIED)
0	X.XXXX ± ---
0	X.XXX ± 0.10
0	X.XX ± 0.25
0	X.X ± 0.30
0	ANGULAR ± ---°

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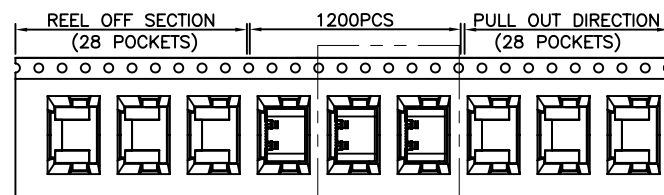
TITLE	USB C F TYPE单排SMT6.5 四脚插板CONN一体成型
DWN	2020.03.12
CHKD	JAY
APVD	JACKY
PART NO.	2UBCF055SXX12R-A-01
SCALE	1:1
UNIT	mm
SHEET	1 OF 2
REV	B

CUSTOMER COPY

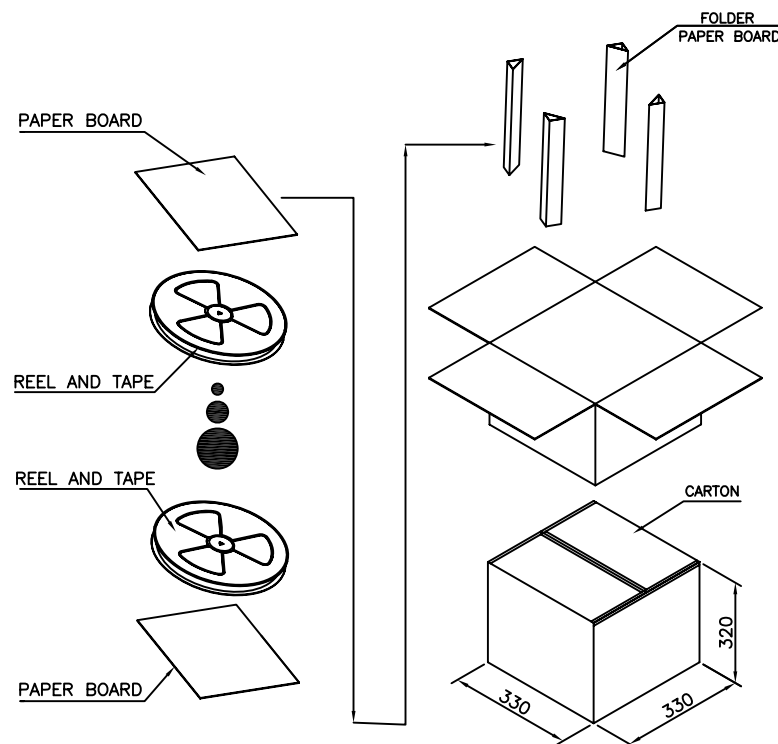
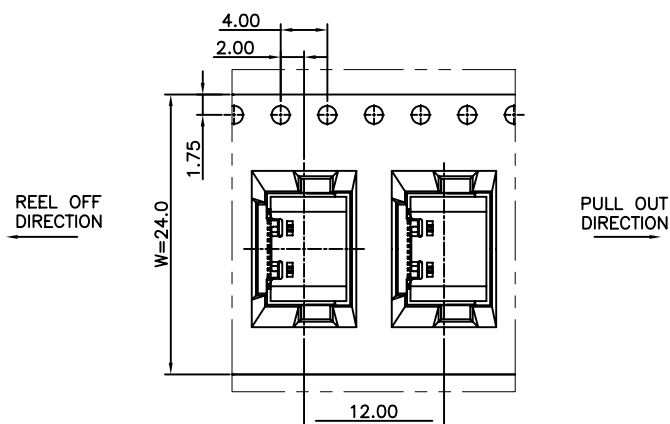
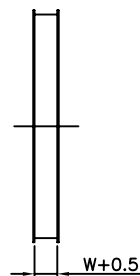
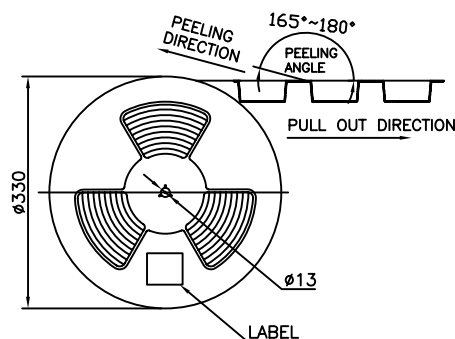
RoHS
Compliant



REV	ECN No.	DATE	REMARK
A	NEW	2015.05.10	NEW RELEASE
B	ECN2003002	2020.03.12	修改图纸与实物相符



SEE DETAIL X



	REEL	CARTON
CONNECTOR (PCS)	1200	12000

QUALITY SYMBOL	GENERAL TOLERANCES (UNLESS SPECIFIED)
$\nabla=0$	X.XXXX \pm ---
$\nabla=0$	X.XXX \pm 0.10
$\nabla=0$	X.XX \pm 0.25
$\nabla=0$	X.X \pm 0.30
$\nabla=0$	ANGULAR \pm ---°

Singatron Enterprise Co., Ltd.

TITLE	USB C F TYPE 单排 SMT6.5 四脚插板 CONN 一体式成型			
DWN	SAM 2020.03.12	PART NO.	2UBCF055SXX12R-A-01	
CHKD	JAY	SCALE 1:1	UNIT: mm	
APVD	JACKY	SIZE: A3	SHEET: 2 OF 2	REV: B

CUSTOMER COPY