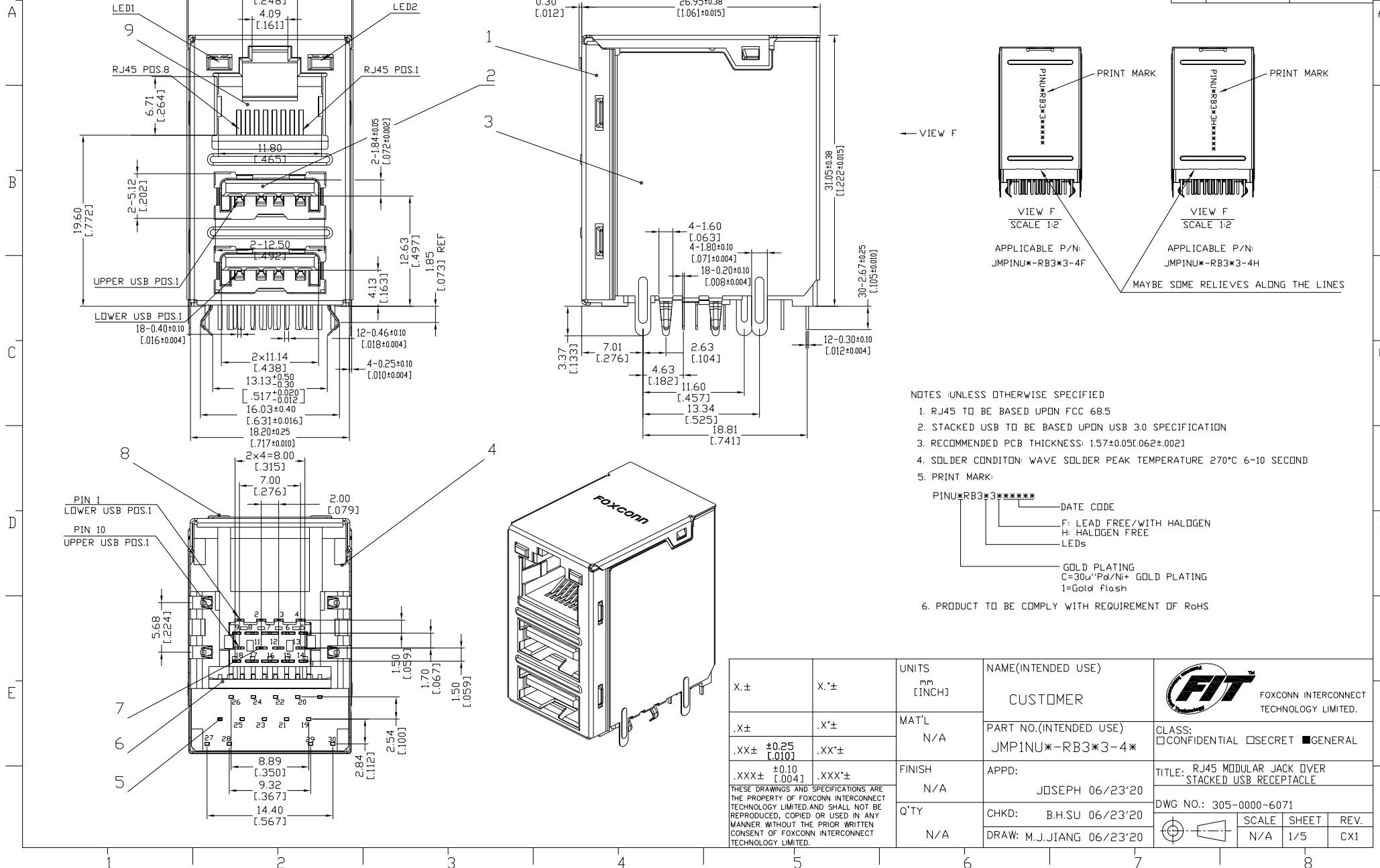


AUTOCAD GENERATED DRAWING, DON'T CHANGE BY HAND

REV.	ECN. NO.	APPD.
A	BC-15-0030847	ARTHUR H
B	BC-19-0017765	CAMVARD
C	BC-19-0019119	CAMVARD
CX1	BS-20-XXXX	JOSEPH



X.±	X.±	UNITS mm [INCH]	NAME(INTENDED USE) CUSTOMER	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X±	.X±	MAT'L N/A	PART NO.(INTENDED USE) JMP1NU*-RB3*3-4*	
.XX± ±0.25 [.010]	.XX±	FINISH N/A	APPD: JOSEPH 06/23'20	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
.XXX± ±0.10 [.004]	.XXX±	Q'TY N/A	CHKD: B.H.SU 06/23'20 DRAW: M.J.JIANG 06/23'20	TITLE: RJ45 MODULAR JACK OVER STACKED USB RECEPTACLE
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				SCALE: N/A SHEET: 1/5 REV: CX1

9	RJ45 CONTACT	8	PHOSPHOR BRONZE C5191,T=0.30±0.02mm	1u" MINIMUM Au PLATING AT CONTACT FUNCTION AREA 100~200u" LEAD FREE TIN PLATING AT SOLDERING AREA 30~70u" NICKEL UNDERPLATING
8	LIGHTER	2	LED	LED1 X 1 LED2 X 1
7	USB CONTACT	18	PHOSPHOR BRONZE C5191,T=0.20±0.02mm	1u" MINIMUM Au PLATING AT CONTACT FUNCTION AREA 100~200u" LEAD FREE TIN PLATING AT SOLDERING AREA 50~100u" NICKEL UNDERPLATING
6	TRANSFORMER MODULE	1		
5	FOOT CONTACT	12	BRASS C2680,T=0.30±0.02mm	100~200 u" LEAD FREE TIN PLATING ALL 50~100u" NICKEL UNDERPLATING
4	FRAME HOUSING	1	PBT UL 94V-0	MOLDED COLOR: BLACK
3	REAR SHELL	1	STAINLESS STEEL SUS304,T=0.15±0.02mm	10u" MIN. NICKEL UNDERPLATING AT TAB AREA, 30~200u" Sn PLATED AT TAB AREA, NO PLATING ON THE OTHERS AREA
2	USB INSERT HOUSING	2	PA66 UL 94V-0	MOLDED COLOR: BLUE, PANTONE 300C
1	FRONT SHELL	1	STAINLESS STEEL SUS304,T=0.25±0.02mm	CLEANING
ITEM	DESC.	Q'TY	MATERIAL	TREATMENT

REMARK:

JM P 1 N U * — R B 3 * 3 4 *

MODULAR JACK 8P8C

PASSIVE RJ

NORMAL

COMBO USB GOLD PLATING

1=GOLD FLASH

3= 30u" GOLD PLATING

5= 50u" GOLD PLATING

7= 15u" GOLD PLATING

A=10u"Pd/Ni+ GOLD PLATING

C=30u"Pd/Ni+ GOLD PLATING

E=50u"Pd/Ni+ GOLD PLATING

K=15u"Pd/Ni+ GOLD PLATING

L=25u"Pd/Ni+ GOLD PLATING

Y= 5-10u" GOLD PLATING

W= 5-8u" Pb/Ni+1-3u" GOLD PLATING

R : R/A+DIP

LED TYPE (SEE SHEET 3/5)

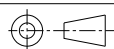
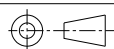
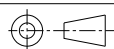
EXTENSION NO.

PACKAGING 4: SOFT TRAY

MATERIAL:

H: HALOGEN FREE

F: LEAD FREE/WITH HALOGEN

X.±	X.±	UNITS	NAME(INTENDED USE)	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.								
.X±	.X±	MAT'L	CUSTOMER	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL								
.XX±	.XX±	N/A	PART NO.(INTENDED USE) JMP1NU*-RB3*3-4*									
.XXX±	.XXX±	FINISH	APPD: JOSEPH 06/23'20	TITLE: RJ45 MODULAR JACK OVER STACKED USB RECEPTACLE								
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		N/A	CHKD: B.H.SU 06/23'20 DRAW: M.J.JIANG 06/23'20	<table><tr><td></td><td>SCALE</td><td>SHEET</td><td>REV.</td></tr><tr><td></td><td>N/A</td><td>2/5</td><td>CX1</td></tr></table>				SCALE	SHEET	REV.		N/A
	SCALE	SHEET	REV.									
	N/A	2/5	CX1									

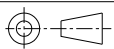


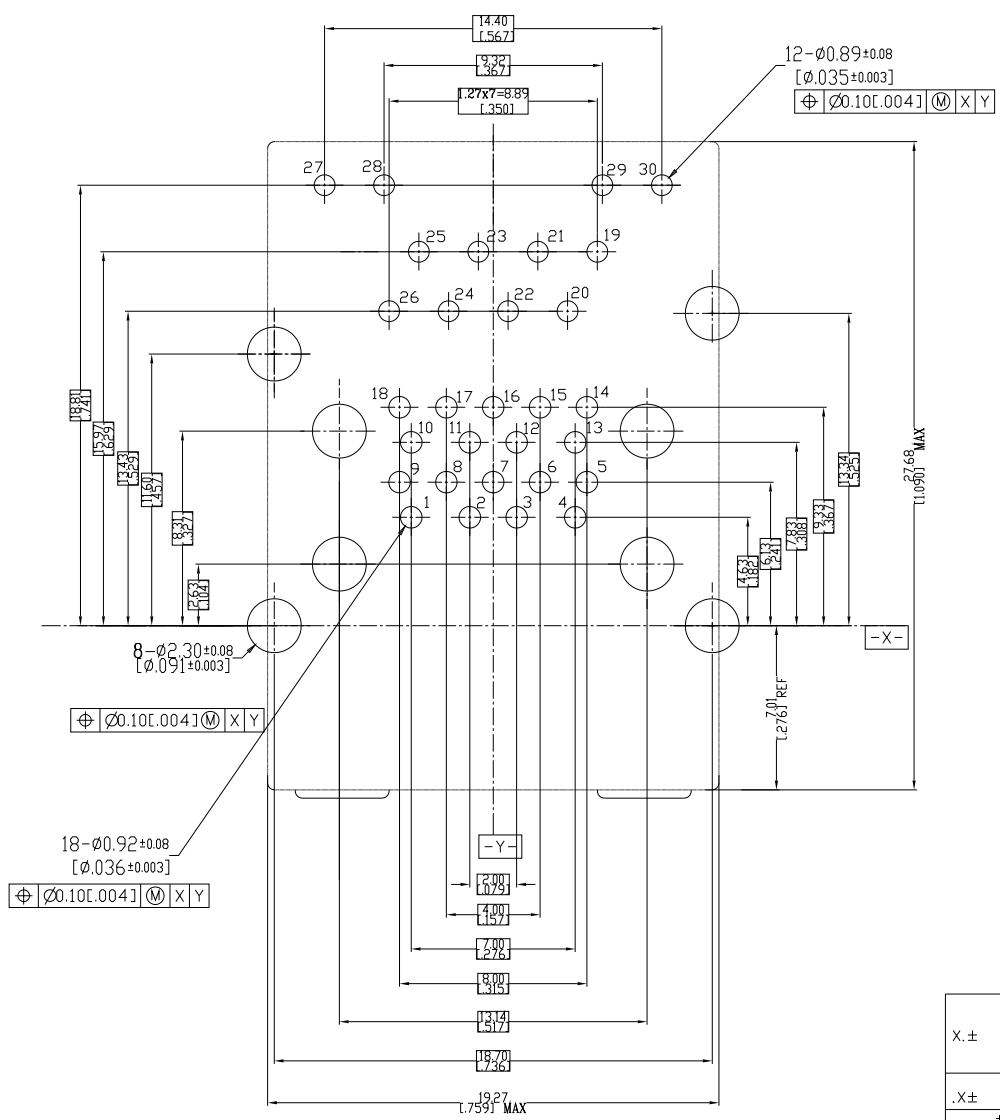
SPACER

RJ45
CONNECTOR

CONNECTING SCHEMATICS

JMP1NU*-RB3S3-4*	27 YELLOW 28	29 GREEN 30 ORANGE
JMP1NU*-RB3M3-4*	27 YELLOW 28	29 ORANGE 30 GREEN
JMP1NU*-RB3K3-4*	27 ORANGE 28	29 GREEN 30 ORANGE
JMP1NU*-RB3J3-4*	27 GREEN 28 YELLOW	29 GREEN 30
JMP1NU*-RB3H3-4*	27 ORANGE 28	29 GREEN 30
JMP1NU*-RB3G3-4*	27 YELLOW 28	29 GREEN 30 ORANGE
JMP1NU*-RB3F3-4*	27 GREEN 28	29 ORANGE 30 GREEN
JMP1NU*-RB3B3-4*	27 GREEN 28 ORANGE	29 YELLOW 30
JMP1NU*-RB3A3-4*	27 GREEN 28	29 YELLOW 30 GREEN
JMP1NU*-RB343-4*	27 YELLOW 28	29 YELLOW 30
JMP1NU*-RB333-4*	27 GREEN 28	29 YELLOW 30
JMP1NU*-RB323-4*	27 GREEN 28	29 GREEN 30
JMP1NU*-RB313-4*	27 YELLOW 28	29 GREEN 30
JMP1NU*-RB303-4*	NONE	NONE
PART NO.	LED1	LED2

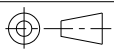
X.±	X.±	UNITS	NAME(INTENDED USE)	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X±	.X±	MAT'L	CUSTOMER	
.XX±	.XX±	N/A	PART NO.(INTENDED USE)	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
.XXX±	.XXX±	FINISH	APPD:	TITLE: RJ45 MODULAR JACK OVER STACKED USB RECEPTACLE
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		Q'TY	CHKD: B.H.SU 06/23'20	SCALE SHEET REV.
		N/A	DRAW: M.J.JIANG 06/23'20	 N/A 3/5 CX1



RECOMMENDED P.C.B. LAYOUT
TOP VIEW (COMPONENT SIDE)

USB 3.0 STANDARD-A CONNECTOR PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	DESCRIPTION
1 10	VBUS	POWER
2 11	D-	USB 2.0 DIFFERENTIAL PAIR
3 12	D+	
4 13	GND	GROUND FOR POWER RETURN
5 14	StdA_SSRX-	SUPERSPEED RECEIVER DIFFERENTIAL PAIR
6 15	StdA_SSRX+	
7 16	GND_DRAIN	GROUND FOR SIGNAL RETURN
8 17	StdA_SSTX-	SUPERSPEED TRANSMITTER DIFFERENTIAL PAIR
9 18	StdA_SSTX+	

X.±	X.*±	UNITS mm [INCH]	NAME(INTENDED USE) CUSTOMER	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X±	.X*±	MAT'L N/A	PART NO.(INTENDED USE) JMP1NU*-RB3*3-4*	
.XX± ±0.05 [.002]	.XX*±	FINISH N/A	APPD: JOSEPH 06/23'20	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
.XXX±	.XXX*±	Q'TY N/A	CHKD: B.H.SU 06/23'20	TITLE: RJ45 MODULAR JACK OVER STACKED USB RECEPTACLE
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DRAW: M.J.JIANG 06/23'20				 SCALE SHEET REV. N/A 4/5 CX1

NOTES :UNLESS OTHERWISE SPECIFIED

SEE SHEET 1/5

1. LED'S CHARACTERISTICS:

FORWARD VOLTAGE IF=20mA GREEN 1.80~2.60V
DOMINANT WAVELENGTH IF=20mA GREEN 564~574nm
LUMINOUS INTENSITY IF=20mA GREEN 4~16mcd
FORWARD VOLTAGE IF=20mA YELLOW 1.80~2.40V
DOMINANT WAVELENGTH IF=20mA YELLOW 584~592nm
LUMINOUS INTENSITY IF=20mA YELLOW 2~12mcd
FORWARD VOLTAGE IF=20mA ORANGE 1.80~2.40V
DOMINANT WAVELENGTH IF=20mA ORANGE 600~605nm
LUMINOUS INTENSITY IF=20mA ORANGE 2~12mcd

2. MECHANICAL CHARACTERISTICS:

- 2-1. CONNECTOR MATING FORCES: 4.5LBS MAXIMUM WITH LATCH DEPRESSED.
CONNECTOR UNMATING FORCE: 4.5LBS MAXIMUM WITH LATCH DEPRESSED AT AN ADVANTAGEOUS ANGLE.
2-2. DURABILITY (MATING/UNMATING CYCLES): 1000 CYCLES.
2-3. OPERATING TEMPERATURE: -30°C TO +85°C.
STORAGE TEMPERATURE: -40°C TO +100°C.

USB SPECIFICATIONS:

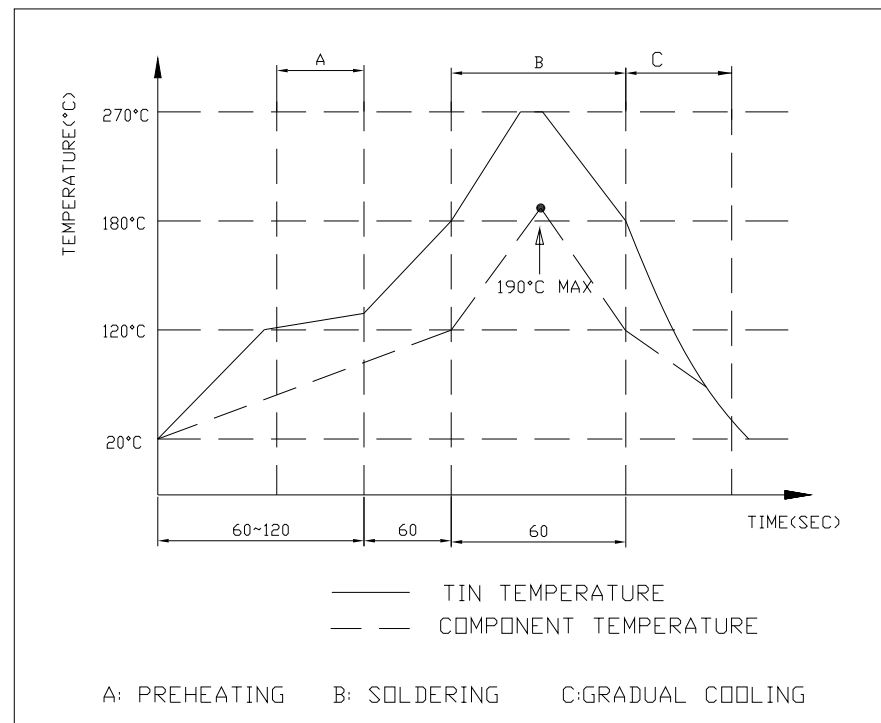
1. ELECTRICAL CHARACTERISTICS:

- 1-1.CONTACT CURRENT RATING: 1.8 A FOR VBUS PIN AND ITS CORRESPONDING GND PIN, 0.25 A MIN. FOR ALL OTHER CONTACTS. THE CURRENT IS APPLIED TO THE CONTACTS,THE DELTA OF TEMPERATURE < 30°C UNDER TEST.
1-2.CONTACT RESISTANCE: INITIAL 30 mOHMS MAX. FOR VBUS AND GND CONTACTS. INITIAL 50 mOHMS MAX. FOR ALL OTHER CONTACTS, AFTER DURABILITY 10 mOHMS MAX. CHANGE.
1-3.DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC MIN..
1-4.INSULATION RESISTANCE: 100 MEGOHMS MIN.

2. MECHANICAL CHARACTERISTICS:

- 2-1.CONNECTOR MATING FORCE : 35N MAX..
2-2.CONNECTOR UNMATING FORCE : 10N MIN. INITIAL, 8N MIN. AFTER DURABILITY
2-3.DURABILITY : 1500 CYCLES.
2-4.OPERATING TEMPERATURE: -55 TO +85 °C
3. MEET USB3.0 STANDARD SPECIFICATION.

PROFILE OF WAVE SOLDER:



SUGGESTED WAVE SOLDER CURVE

- (1) PEAK TEMPERATURE: 270°C
(2) PEAK TEMPERATURE TIME: 6~10 SECOND

X.±	X'±	UNITS	NAME(INTENDED USE)	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X±	.X'±	MAT'L	CUSTOMER	
.XX±	.XX'±	N/A	PART NO.(INTENDED USE)	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
.XXX±	.XXX'±	FINISH	APPD:	TITLE: RJ45 MODULAR JACK OVER STACKED USB RECEPTACLE
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		Q'TY	CHKD: B.H.SU 06/23'20	SCALE SHEET REV.
		N/A	DRAW: M.J.JIANG 06/23'20	N/A 5/5 CX1