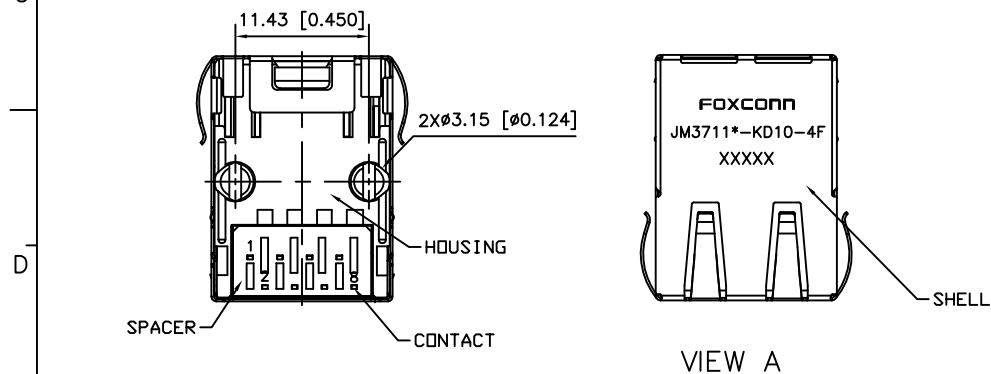
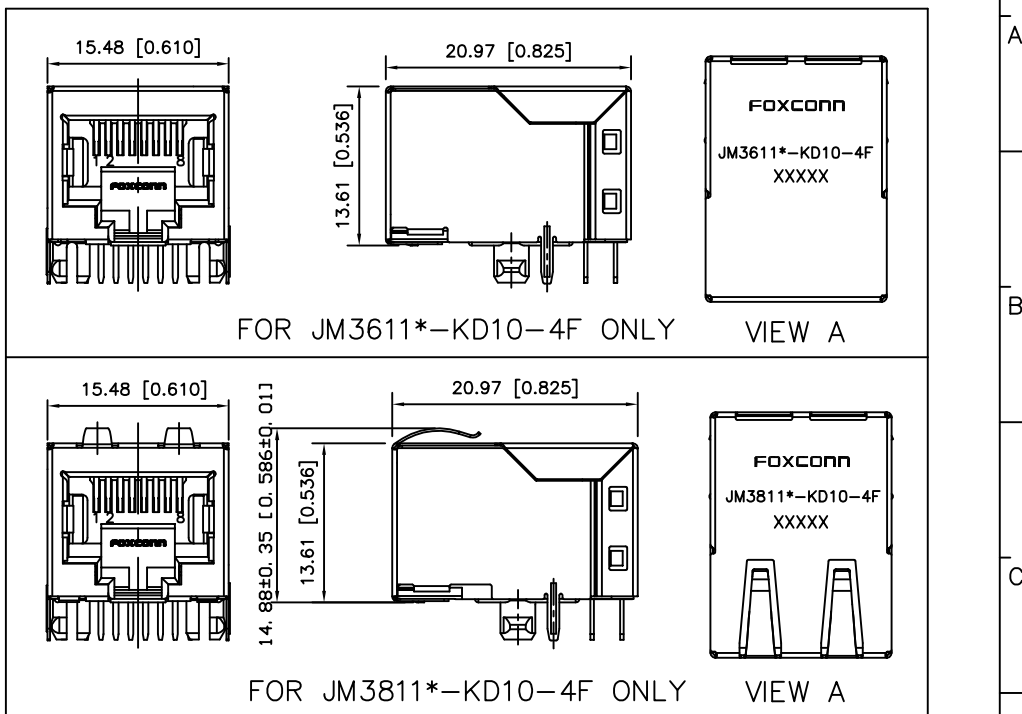
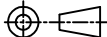


REV.	ECN. NO.	APPD.
A	BC05718601	JOHN CHOW
B	BC-18-0010614	CAMVARD



4	SPACER	1	THERMOPLASTIC LCP UL 94V-0	MOLDED BLACK					
3	SHELL	1	BRASS ALLOY C2680R-H, T=0. 20mm	50μ" MIN. NICKEL PLATING OVERALL, 50μ" MIN. LEAD FREE TIN PLATING AT GROUND TAIL					
2	CONTACT	8	PHOSPHOR BRONZE C5191R-H, T=0. 30mm	50μ" MIN. NICKEL PLATING OVERALL, 50μ" MIN. LEAD FREE TIN PLATING AT SOLDER TAIL GOLD PLATING AT CONTACT AREA (SEE SHEET 2/3)					
1	HOUSING	1	THERMOPLASTIC LCP UL 94V-0	MOLDED BLACK					
ITEM		DESCRIPTION		Q' TY	MATERIAL	TREATMENT		REMARK	
° X.±		X.± 2°		UNITS	NAME(INTENDED USE)		 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.		
				MM[INCH]	CUSTOMER				
.X±0.35 [0.014]		.X± 1°		MAT'L	PART NO.(INTENDED USE)		CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL		
.XX±0.25 [0.010]		.XX±			JM3*11*-KD10-4F				
.XXX±		.XXX±		FINISH	APPD:		TITLE: RJ45 1X1 T/D T/H		
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF FOXCONN INTERCONNECT TECHNOLOGY LIMITED, AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF FOXCONN INTERCONNECT					CAMVARD 03/09'18		DWG NO.: 305-0000-1323		
				Q'TY	CHKD: J.S.Hu 03/09'18				
					DRAW: Hailong Fu 03/09'18				
					SCALE	SHEET	REV.		
					N/A	1/3	B		

NOTES: UNLESS OTHERWISE SPECIFIED

1. CONNECTOR TO COMPLY WITH CFR TELECOMMUNICATION
STANDARD PART 68 SUBPART F.
2. PC BOARD SURFACE(STAND OFF) PLANE (DATUM Z).
3. RECOMMENDED SOLDER PROCESS: WAVE SOLDERING, 260°C, MAXIMUM OF 10 SECONDS.

AUTOCAD CREATED DRAWING.DON'T CHANGE BY HAND.

REV. ECN. NO. APPD.

SEE SHEET 1/3

SPECIFICATIONS:

1. ELECTRICAL:

- 1-1 CURRENT RATING: 1.5 AMPERES MAXIMUM
- 1-2 INSULATION RATING: 50 MEGOHMS MINIMUM
- 1-3 DIELECTRIC WITHSTANDING VOLTAGE:
 - 1500 VDC CONTACT TO SHIELD
 - 1000 VDC CONTACT TO CONTACT

2. MECHANICAL:

- 2-1 MATING FORCE: 4 POUNDS MAXIMUM WITH LATCH DEPRESSED
- UNMATING FORCE: 4 POUNDS MAXIMUM WITH LATCH DEPRESSED AT AN ADVANTAGEOUS ANGLE
- PLUG RETENTION FORCE: 10 POUNDS MINIMUM
- 2-2 DURABILITY (MATING/UNMATING): 1000 CYCLES
- 2-3 INSERTION FORCE OF PCB RETENTION POSTS:
 - 15 POUNDS MAX
- 2-4 OPERATING TEMPERATURE RANGE: -40°C to +85°C.
- 2-5 STORAGE TEMPERATURE RANGE: -30°C TO +90°C

RECOMMENDED PCB LAYOUT AS VIEWED FROM COMPONENT SIDE

PRODUCT NO.: J M 3 * 1 1 * - KD10 - 4 F

SERIES PREFIX:

JM=MODULE JACK

BODY & TERMINATION:

3=R/A ALL SHIELD T/H

DESIGN TYPE:

6=W/O PANEL-GND, W/B/L

7=W/TOP & SIDE PANEL-GND, W/B/L

8=W/TOP PANEL-GND, W/B/L

POS. TYPE:

1=8P8C

F=LEAD FREE

PACKAGE TYPE

4=SOFT TRAY

EXTENSION CODE

CONTACT PLATING

1=FLASH GOLD

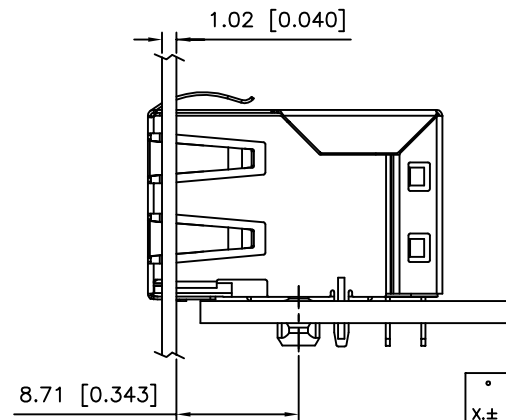
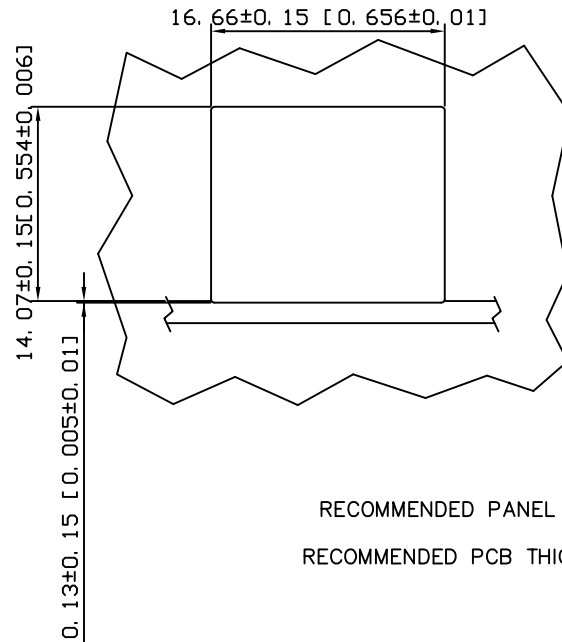
3=30u" GOLD

5=50u" GOLD

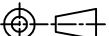
7=15u" GOLD

NO. OF PORT

1=1PORT

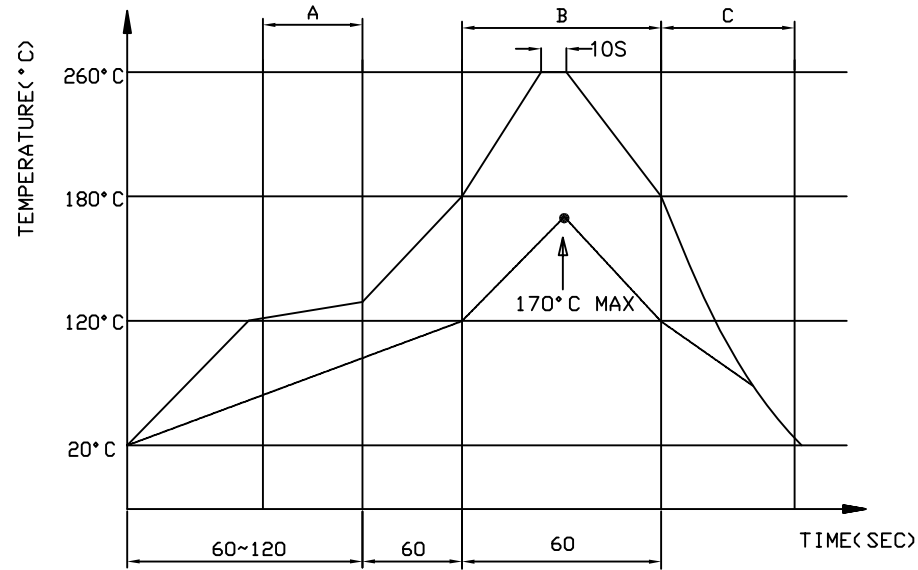


RECOMMENDED PANEL CUTOUT AND JACK LOCATION
RECOMMENDED PCB THICKNESS: 1.57mm[0.062"] MAX.

° X.±	X.± 2°	UNITS	NAME(INTENDED USE)		 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.									
		MM[INCH]	CUSTOMER											
		.X±0.25 [0.010]	.X'± 1°	MAT'L	PART NO.(INTENDED USE)		CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL							
		.XX±0.10 [0.004]	.XX'±		JM3*11*—KD10—4F									
.XXX±	.XXX'±	FINISH	APPD:		TITLE: RJ45 1X1 T/D T/H									
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			CHKD: J.S.Hu 03/09'18		 <table><tr><td>SCALE</td><td>SHEET</td><td>REV.</td></tr><tr><td>N/A</td><td>2/3</td><td>B</td></tr></table>				SCALE	SHEET	REV.	N/A	2/3	B
			SCALE	SHEET					REV.					
N/A	2/3	B												
DRAW: Hailong Fu 03/09'18														

FK2B00065D

RECOMMENDED PROFILE OF WAVE SOLDER:

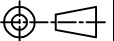


— TIN TEMPERATURE
— COMPONENT TEMPERATURE

A: PREHEATING B: SOLDERING C: GRADUAL COOLING

WAVE SOLDER CURVE

- (1) PEAK TEMPERATURE: 260°C
(2) PEAK TEMPERATURE TIME: 10 SEC MAX.

X.±	X.± 2°	UNITS	NAME(INTENDED USE)	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
		MM[INCH]	CUSTOMER	
.X±0.25 [0.010]	.X'± 1°	MAT'L	PART NO.(INTENDED USE)	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
.XX±0.10 [0.004]	.XX'±		JM3*11*-KD10-4F	
.XXX±	.XXX'±	FINISH	APPD:	TITLE: RJ45 1X1 T/D T/H
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		Q'TY	CHKD: J.S.Hu 03/09'18	
			DRAW: Hailong Fu 03/09'18	
				SCALE SHEET REV. N/A 3/3 B