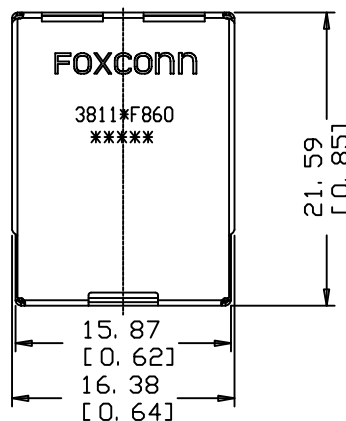
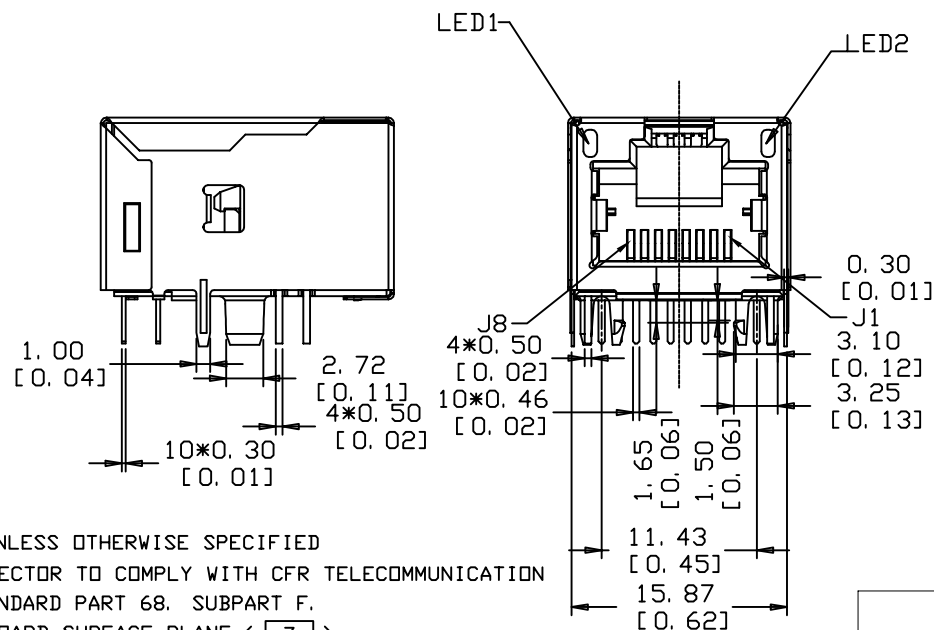
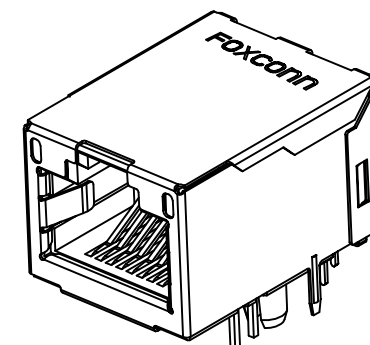


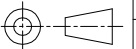
ONLY FOR JFM3811*-F860-*H

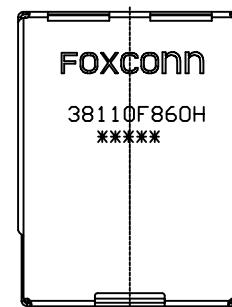
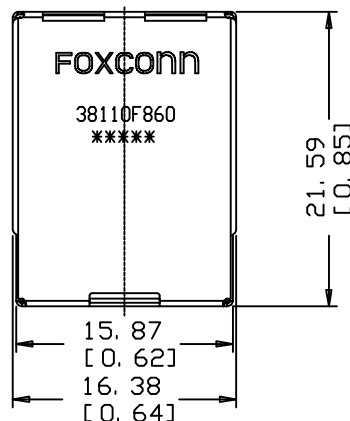


NOTES: UNLESS OTHERWISE SPECIFIED

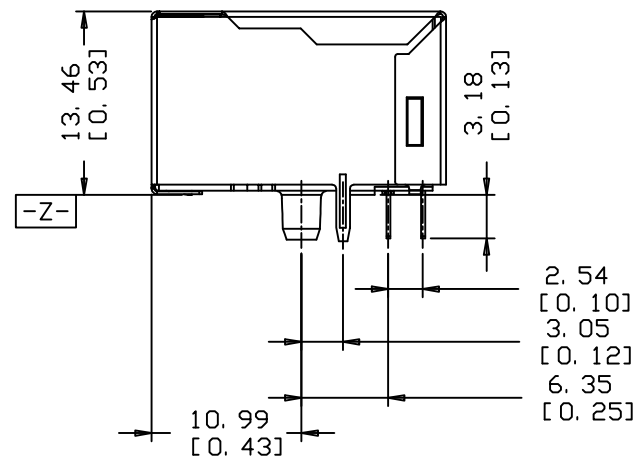
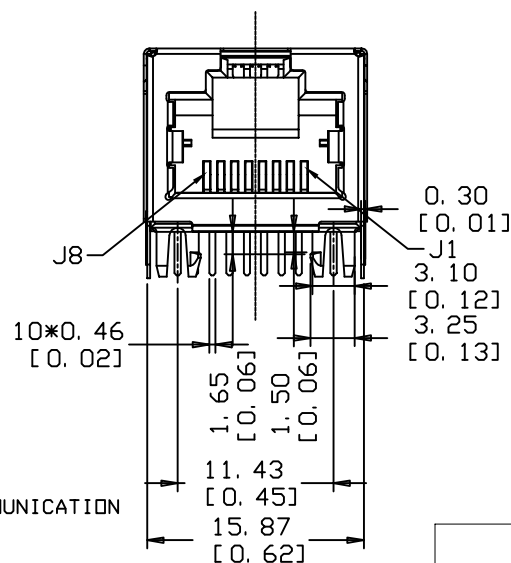
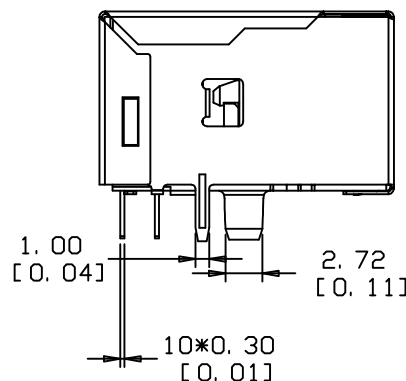
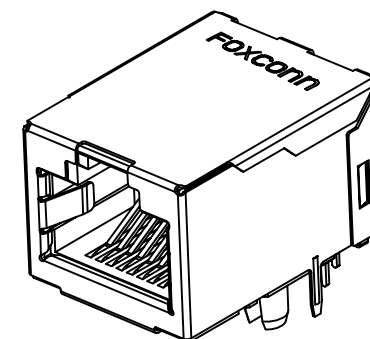
- CONNECTOR TO COMPLY WITH CFR TELECOMMUNICATION STANDARD PART 68. SUBPART F.
- PC BOARD SURFACE PLANE ($-Z-$).
- RECOMMENDED USE CONDITION
 - THE ASSEMBLY OF THE CONNECTOR TO BE MADE, WITHIN 1WEEK AFTER TAKING OFF A SEAL.
 - RECOMMENDED SOLDERING TYPE : WAVE SOLDERING .
- RECOMMENDED TEMPERATURE: $265 \pm 5^{\circ}\text{C}$, 5SECOND
- LASER PRINT MARK:

① 3811*F860 ② 3811*F860H
***** *****
EXTENSION CODE EXTENSION CODE
DATE CODE DATE CODE

X.±	X.±	UNITS MM [INCH]	NAME(INTENDED USE) CUSTOMER	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X± 0.30 [.012]	.X±	MAT'L SEE NOTES	PART NO.(INTENDED USE) JFM3811*-F860-*	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
.XX± 0.25 [.010]	.XX±	FINISH SEE NOTES	APPD: CAMVARD 04/11' 18	TITLE: 0.85" RJ45 1X1 GIGABIT CONNECTOR
.XXX±	.XXX±	Q'TY N/A	CHKD: J. S. HU 04/11' 18 DRAW: G. Y. CHEN 04/11' 18	DWG NO.: 305-0000-TBD
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ONLY FOR JFM38110-F860-***H



NOTES: UNLESS OTHERWISE SPECIFIED

- CONNECTOR TO COMPLY WITH CFR TELECOMMUNICATION STANDARD PART 68, SUBPART F.
- PC BOARD SURFACE PLANE ($\boxed{-Z-}$).
- RECOMMENDED USE CONDITION
 - THE ASSEMBLY OF THE CONNECTOR TO BE MADE, WITHIN 1WEEK AFTER TAKING OFF A SEAL.
 - RECOMMENDED SOLDERING TYPE : WAVE SOLDERING
- RECOMMENDED TEMPERATURE: 265±5°C, 5SECOND
- LASER PRINT MARK:

① 38110F860

② 38110F860H

***** EXTENSION CODE

***** EXTENSION CODE

***** DATE CODE

***** DATE CODE

X.±	X.±	UNITS MM [INCH]	NAME (INTENDED USE) CUSTOMER	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X± 0.30 [0.012]	.X'±	MAT'L SEE NOTES	PART NO. (INTENDED USE) JFM38110-F860-**	
.XX± 0.25 [0.010]	.XX'±	FINISH SEE NOTES	APPD: CAMVARD 04/11' 18	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
.XXX±	.XXX'±	Q'TY N/A	CHKD: J. S. HU 04/11' 18 DRAW: G. Y. CHEN 04/11' 18	TITLE: 0.85" RJ45 1X1 GIGABIT CONNECTOR
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				SCALE N/A
				SHEET 2/7
				REV. X1

A

B

 $\frac{C_1}{C_2}$

D

El

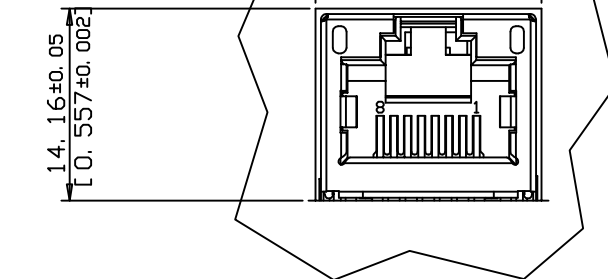
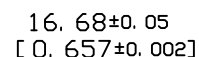
 $\bar{A}$

B

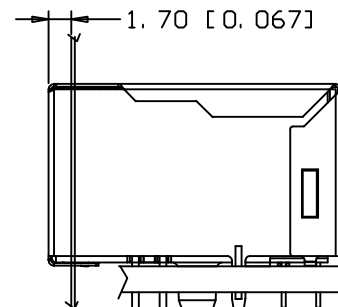
C

b

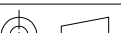
FE



RECOMMENDED PANEL OPENING
14.16[0.557] HIGH BY 16.68[0.657] WIDE



LED	LED 1	LED 2
	11 ◆ ◆ 12	13 ◆ ◆ 14
JFM3811D-F860-**	YELLOW  GREEN	YELLOW  GREEN
JFM3811A-F860-**	 GREEN	YELLOW  GREEN
JFM3811B-F860-**	ORANGE  GREEN	 YELLOW
JFM3811H-F860-**	 ORANGE	 GREEN
JFM3811E-F860-**	YELLOW  GREEN	 GREEN
JFM3811F-F860-**	 GREEN	ORANGE  GREEN
JFM3811G-F860-**	 YELLOW	ORANGE  GREEN
JFM3811Q-F860-**	ORANGE  GREEN	 GREEN
JFM3811*-F860-** (* = 1~9)	 THE SPECIFIC COLOUR REFERS TO PAGE 777	 THE SPECIFIC COLOUR REFERS TO PAGE 777

X.±		X.±		UNITS MM [INCH]		NAME(INTENDED USE) CUSTOMER		 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.						
.X± 0.10 [.004]		.X±		MAT'L		PART NO.(INTENDED USE)		CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL						
.XX± 0.05 [.002]		.XX±		SEE NOTES		JFM3811*-F860-**								
.XXX±		.XXX±		FINISH		APPD:		TITLE:						
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		Q'TY				CHKD: J. S. HU 04/11' 18		DWG NO.: 305-0000-TBD						
		N/A				DRAW: G. Y. CHEN 04/11' 18		 <table><tr><td>SCALE</td><td>SHEET</td><td>REV.</td></tr><tr><td>N/A</td><td>3/7</td><td>X1</td></tr></table>			SCALE	SHEET	REV.	N/A
SCALE	SHEET	REV.												
N/A	3/7	X1												

$\overline{A}$

B

 $\frac{C_1}{C_2}$

D

E

 $\sqrt{A}$

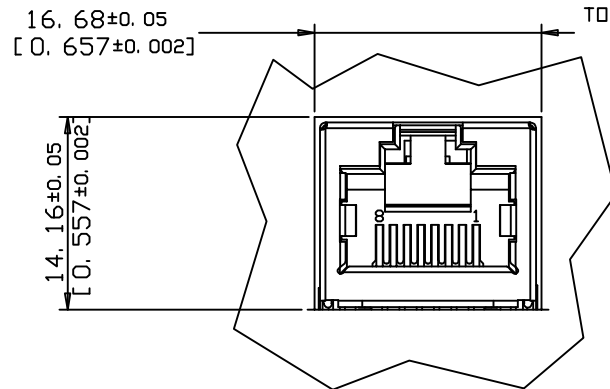
B

 $\sqrt{C}$

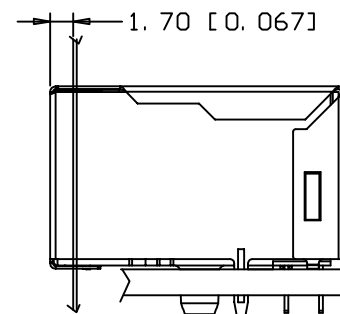
D

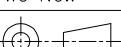
E


$$16.68 \pm 0.05$$

$$[0.657 \pm 0.002]$$


$\rightarrow \left| \begin{array}{c} \text{---} \\ | \\ \text{---} \end{array} \right| \left| \begin{array}{c} \text{---} \\ | \\ \text{---} \end{array} \right| \rightarrow 1.70 [0.067]$

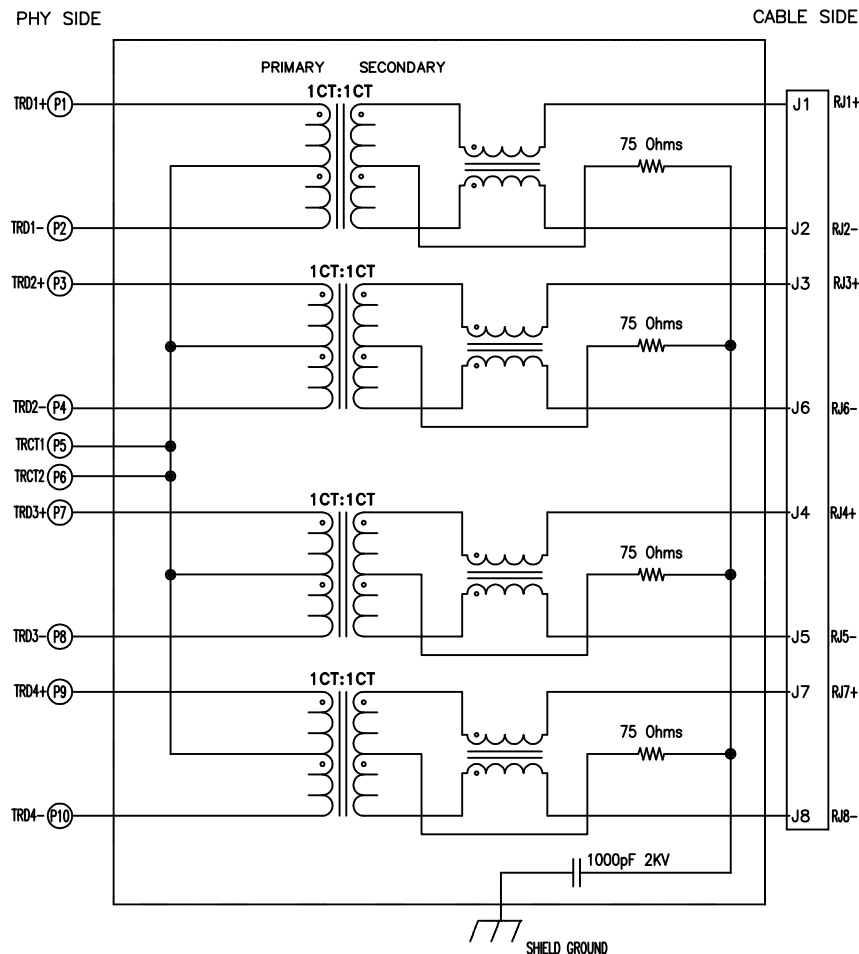


X.±		X.±		UNITS MM [INCH]	NAME(INTENDED USE) CUSTOMER		 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.					
.X± 0.10 [.004]		.X±		MAT'L	PART NO.(INTENDED USE)		CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL					
.XX± 0.05 [.002]		.XX±		SEE NOTES	JFM38110—F860—**							
.XXX±		.XXX±		FINISH	APPD:		TITLE:					
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		Q'TY		CHKD: J. S. HU 04/11' 18		DWG NO.: 305-0000—TBD						
		N/A		DRAW: G. Y. CHEN 04/11' 18		<table><tr><td>SCALE</td><td>SHEET</td><td>REV.</td></tr><tr><td>N/A</td><td>4/7</td><td>X1</td></tr></table>			SCALE	SHEET	REV.	N/A
SCALE	SHEET	REV.										
N/A	4/7	X1										

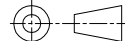
SCHEMATIC

REV. ECN. NO. APPD.

SEE SHEET: 1/7

ELECTRICAL SPECIFICATIONS @ 25°C UNLESS OTHERWISE NOTED:

INDUCTANCE:	350uH MIN. , @100kHz, 0.1VRMS, 8mA DC, Ls<PRIMARY>.
DIELECTRIC RATING	1500VRMS MIN.
IL (INSERTION LOSS)	-0.5dB MAX. , @1MHz - 60MHz. -1.2dB MAX. , @60MHz - 100MHz.
RL (RETURN LOSS):	-16dB MIN. , @1MHz - 40MHz -10+20Log(f/80MHz)dB MIN. , @40MHz - 100MHz
CROSS TALK:	-35dB MIN. , @1MHz - 100MHz
CMR (COMMON MODE REJECTION):	-30dB MIN. , @1MHz - 100MHz

X.±	X.'±	UNITS MM [INCH]	NAME(INTENDED USE) CUSTOMER	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X±	.X'±	MAT'L SEE NOTES	PART NO.(INTENDED USE) JFM3811*-F860-**	
.XX±	.XX'±	FINISH SEE NOTES	APPD: CAMVARD 04/11' 18	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
.XXX±	.XXX'±	Q'TY N/A	CHKD: J. S. HU 04/11' 18 DRAW: G. Y. CHEN 04/11' 18	TITLE: 0.85" RJ45 1X1 GIGABIT CONNECTOR DWG NO.: 305-0000-TBD
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				SHEET 5/7
				REV. X1

SPECIFICATIONS:

1. MECHANICAL:

- 1.1 MATING FORCE: 4LBS MAX. WITH LATCH DEPRESSED AT AN ADVANTAGEOUS ANGLE.
- 1.2 DURABILITY (MATING/UNMATING): 1000 CYCLES
- 1.3 OPERATING TEMPERATURE: -40°C TO 85°C
- 1.4 INSERTION FORCE OF PCB RETENTION POSTS: 8.5LBS MAX.
- 1.5 FLAMMABILITY: UL94V-0

2. LED'S CHARACTERISTICS:

- 2.1 FROWARD VOLTAGE (20mA): 2.1 VOLTS TYPICAL
2.5 VOLTS MAX.

- 2.2 FROWARD DISSIPATION: 105mW MAX.

- 2.3 ANODE  CATHODE

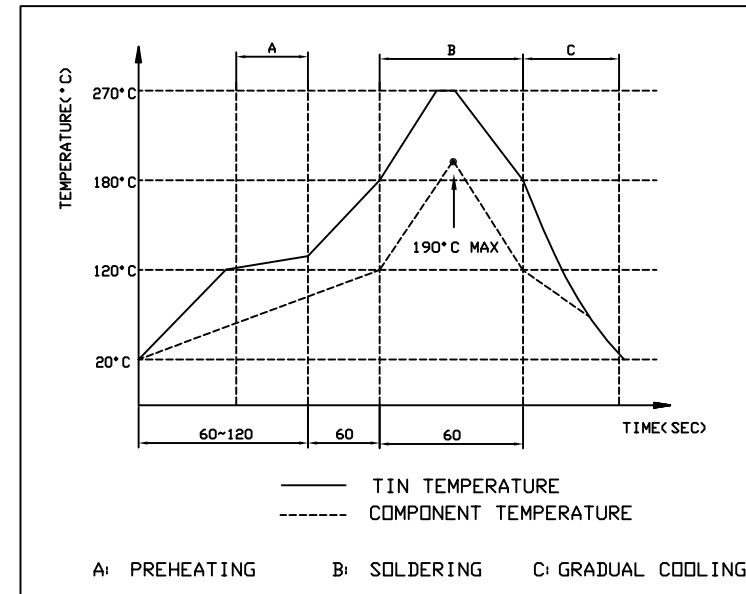
FORWARD VOLTAGE	IF=20mA	GREEN	1.80~2.60V
DOMINANT WAVELENGTH	IF=20mA	GREEN	564~574nm
LUMINOUS INTENSITY	IF=20mA	GREEN	4~16mcd

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	600~610nm
LUMINOUS INTENSITY	IF=20mA	ORANGE	2~12mcd

FORWARD VOLTAGE	IF=20mA	RED	1.80~2.60V
DOMINANT WAVELENGTH	IF=20mA	RED	625~660nm
LUMINOUS INTENSITY	IF=20mA	RED	5~10mcd
FORWARD VOLTAGE	IF=20mA	AMBER	1.80~2.60V
DOMINANT WAVELENGTH	IF=20mA	AMBER	600~610nm
LUMINOUS INTENSITY	IF=20mA	AMBER	2~12mcd

PROFILE OF WAVE SOLDER:



SUGGESTED WAVE SOLDER CURVE

- (1) TIP TEMPERATURE: 265±5°C
- (2) TIP TEMPERATURE TIME: 5 SEC

X.±	X.±	UNITS MM [INCH]	NAME(INTENDED USE) CUSTOMER	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.			
.X±	.X±	MAT'L SEE NOTES	PART NO.(INTENDED USE) JFM3811*-F860-**	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL			
.XX±	.XX±	FINISH SEE NOTES Q'TY N/A	APPD: CAMVARD 04/11' 18	TITLE: 0.85" RJ45 1X1 GIGABIT CONNECTOR			
.XXX±	.XXX±		CHKD: J. S. HU 04/11' 18	DWG NO.: 305-0000-TBD			
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ITEM	DESCRIPTION	QUANTITY	MATERIAL	TREATMENT	REMARK
1	HOUSING	1	HIGH TEMPERATURE LCP THERMOPLASTIC UL 94V-0	BLACK	
2	SIGNAL CONTACT	8	PHOSPHOR BRONZE	50u" MIN GOLD AT CONTACT AREA 50u" MIN NICKEL UNDERPLATING	
3	SPACER	1	HIGH TEMPERATURE LCP THERMOPLASTIC UL 94V-0	BLACK	
4	SOLDERTAILS	10	PHOSPHOR BRONZE	100u" MIN SATIN TIN AT SOLDERING AREA 50u" MIN NICKEL UNDERPLATING	
5	OUTER SHIELD	1	STAINLESS STEEL	10u" MIN. NICKEL UNDERPLATING GROUNDING TAIL 30u" MIN. SATIN TIN SELECT PLATING	
6	PCB	2	FR-4	NONE	
7	RESISTORS	1		4-75 OHM	
8	CAPACITORS	1		1000PF 2KVDC	
9	LED	2/0			

REMARK:

JFM 3 8 1 1 * - F 8 6 0 - * *

SERIES PREFIX:
JFM = RJ W/MAGNETIC

CORE COUNT:
8= 8-CORE

PROTOCOL TYPE:
3 = 10/100/1000 BASE T

LEDs	
LED1	LED2
0	NONE
1	YELLOW GREEN
2	GREEN GREEN
3	GREEN YELLOW
4	YELLOW YELLOW
5	RED RED
6	RED YELLOW
7	YELLOW RED
8	RED GREEN
9	GREEN RED
A	GREEN GREEN-YELLOW
B	GREEN-ORANGE YELLOW
D	GREEN-YELLOW GREEN-YELLOW
H	ORANGE GREEN
E	GREEN-YELLOW GREEN
F	GREEN GREEN-ORANGE
G	YELLOW GREEN-ORANGE
Q	GREEN-ORANGE GREEN

PCB ATTACHMENT METHOD:
1 = SOLDER TAIL

CONFIGURATION:
1 = 1X1 T/U

FILEAD FREE
H:HALOGEN FREE

4:PACKAGE TYPE:SOFT TRAY
7:TAPE & REEL

X.±	X.*±	UNITS MM [INCH]	NAME(INTENDED USE) CUSTOMER	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X±	.X*±	MAT'L SEE NOTES	PART NO.(INTENDED USE) JFM3811*-F860-**	
.XX±	.XX*±		APPD: CAMVARD 04/11' 18	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
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			DRAW: G. Y. CHEN 04/11' 18	SCALE SHEET REV. N/A 7/7 X1