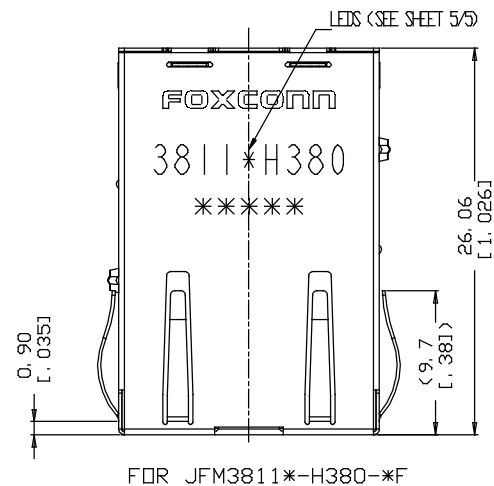
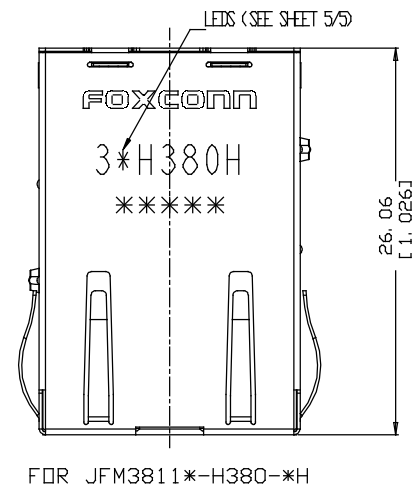


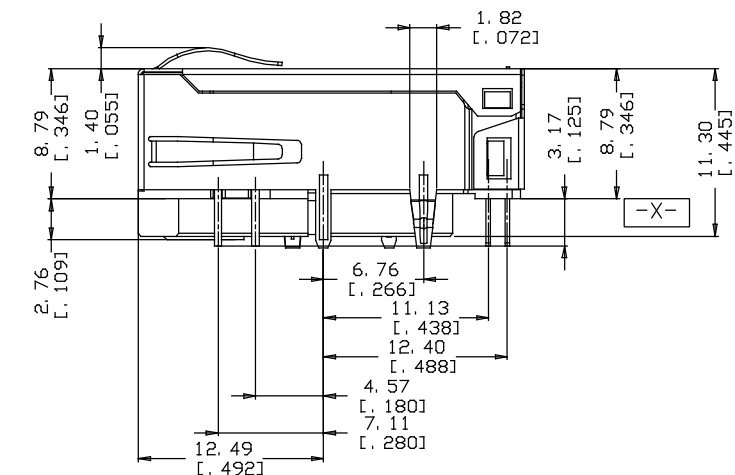
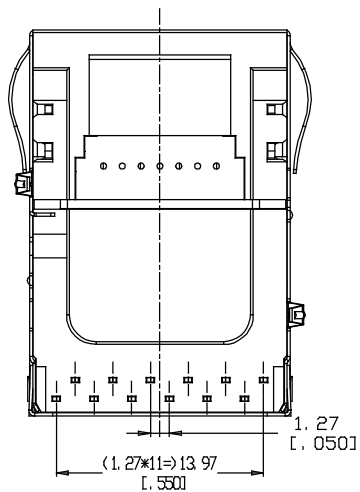
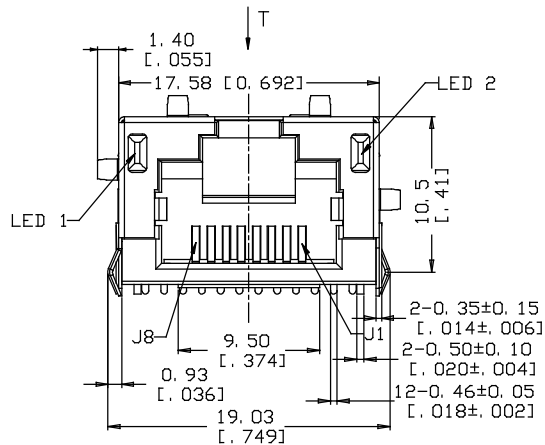
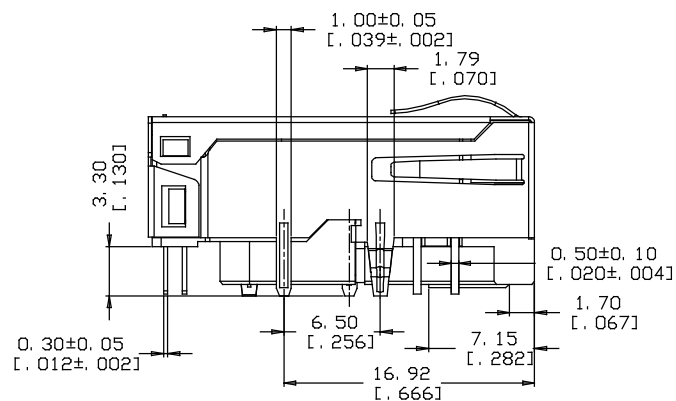


FOR JFM3811*-H380-*F



FOR JFM3811*-H380-*H

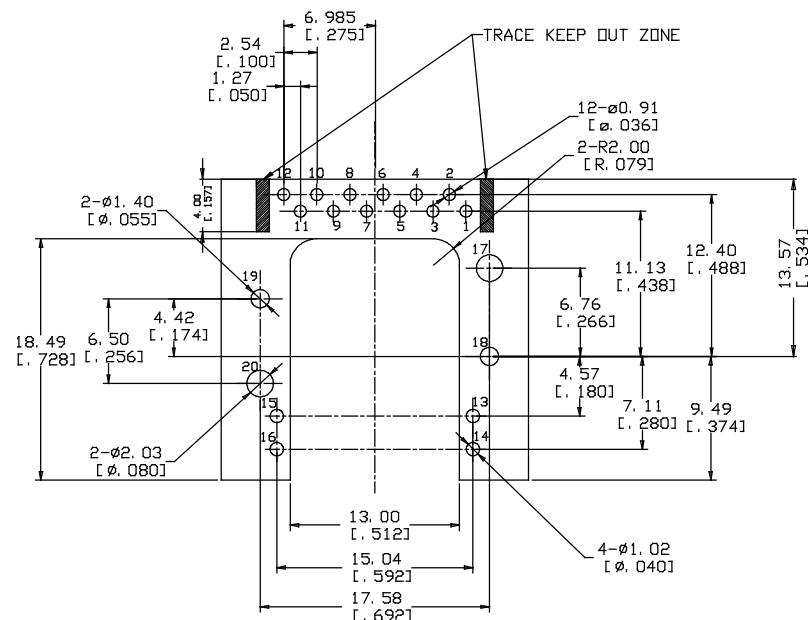
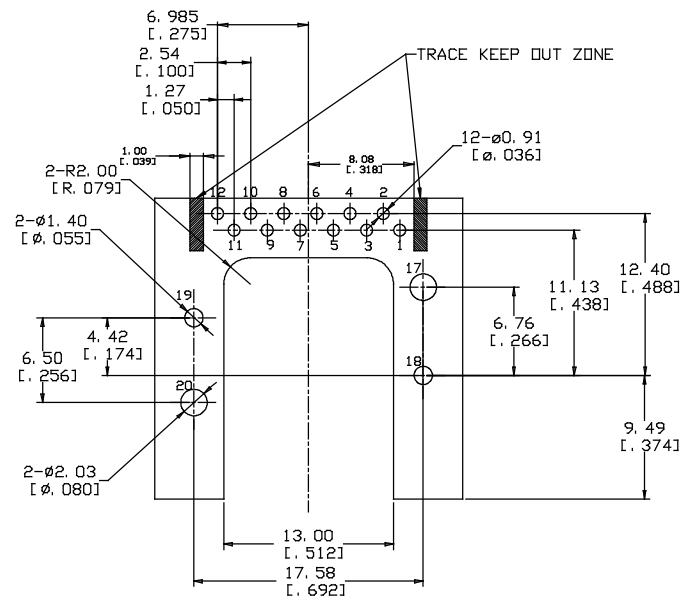
VIEW T



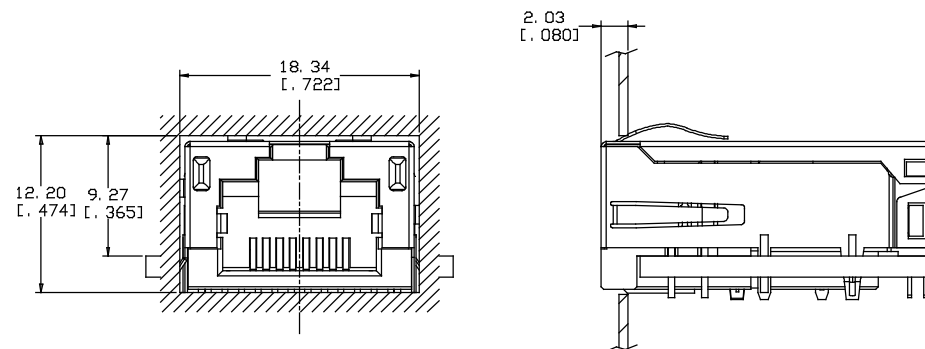
NOTES: UNLESS OTHERWISE SPECIFIED

1. RECOMMENDED PCB THICKNESS TO BE 1.57 [0.062]
2. PCB STANDOFF SURFACE TO BE DATUM -X-
3. HARMFUL MATERIAL CONTROL COMPLIANT ROHS.

X.	±	X°.	±	UNITS	mm	NAME (INTENDED USE)	FOXCONN®
.X	±	0.30	±	MAT'L	[0.012]	CUSTOMER	FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.XX	±	0.25	±		[0.010]	PART NO. (INTENDED USE)	CLASS: CONFIDENTIAL □ SECRET ■ GENERAL
.XXX±		.XXX°±		FINISH		JFM3811*-H380-*	TITLE: RJ45 ,1X1,T/U,T/H,10/1000 CONNECTOR
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						CHKD: FEI.LI 04/14/15	SCALE SHEET REV.
						DR: G. Y. CHEN 04/14/15	NONE 1/5 RX9

RECOMMENDED PCB FOOTPRINT
TOP VIEW (COMPONENT SIDE)RECOMMENDED PCB FOOTPRINT
TOP VIEW (COMPONENT SIDE)
ONLY FOR JFM38110-H380-**

JFM38112-H380-**		
JFM3811A-H380-**		
JFM3811B-H380-**		
JFM3811D-H380-**		
JFM3811F-H380-**		
JFM3811G-H380-**		
JFM3811Q-H380-**		
JFM3811S-H380-**		
JFM38110-H380-**	NONE	NONE
PART NO.	LED1	LED2



RECOMMENDED PANEL CUTOUT

X. ±	X°. ±	UNIT mm [INCH]	NAME (INTENDED USE)	FOXCONN®		
.X ±	.X° ±	MAT'L	CUSTOMER	FOXCONN INTERCONNECT TECHNOLOGY LIMITED.		
.XX ± 0.05 [0.002]	.XX° ±	FINISH	PART NO. (INTENDED USE)	CLASS:	CONFIDENTIAL □ SECRET ■ GENERAL	
.XXX ± 0.05 [0.002]	.XXX° ±		JFM3811*-H380-**	TITLE:	RJ45 ,1X1,T/U,T/H,10/1000 CONNECTOR	
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Q'TY			CHKD:	FEI.LI 04/14/15		
			DR:	G. Y. CHEN 04/14/15		
				SCALE	SHEET	REV.
				NONE	2/5	RX9

NOTES:UNLESS OTHERWISE SPECIFIED

ELECTRICAL SPECIFICATIONS @ 25°C:

1. HI-POT (ISOLATION VOLTAGE): 1500Vrms.

2. L.C.R

2.1 INDUCTANCE: PRIMARY INDUCTANCE(OCL) : 350 uH MIN.

@100KHz/100mVRMS,8mA DC BIAS

2.2 TURNS RATIO:

PRIMARY:SECONDARY 1CT:1CT ±2%

3. HIGH FRENQUENCY

3.1 IL (INSERTION LOSS)

1-100 MHz ,-1.2dB MAX

3.2 RL (RETURN LOSS):

1-40 MHz, -18dB MIN.

40-60MHz, -14dB MIN.

60-80MHz, -12dB MIN.

80-100MHz, -10dB MIN.

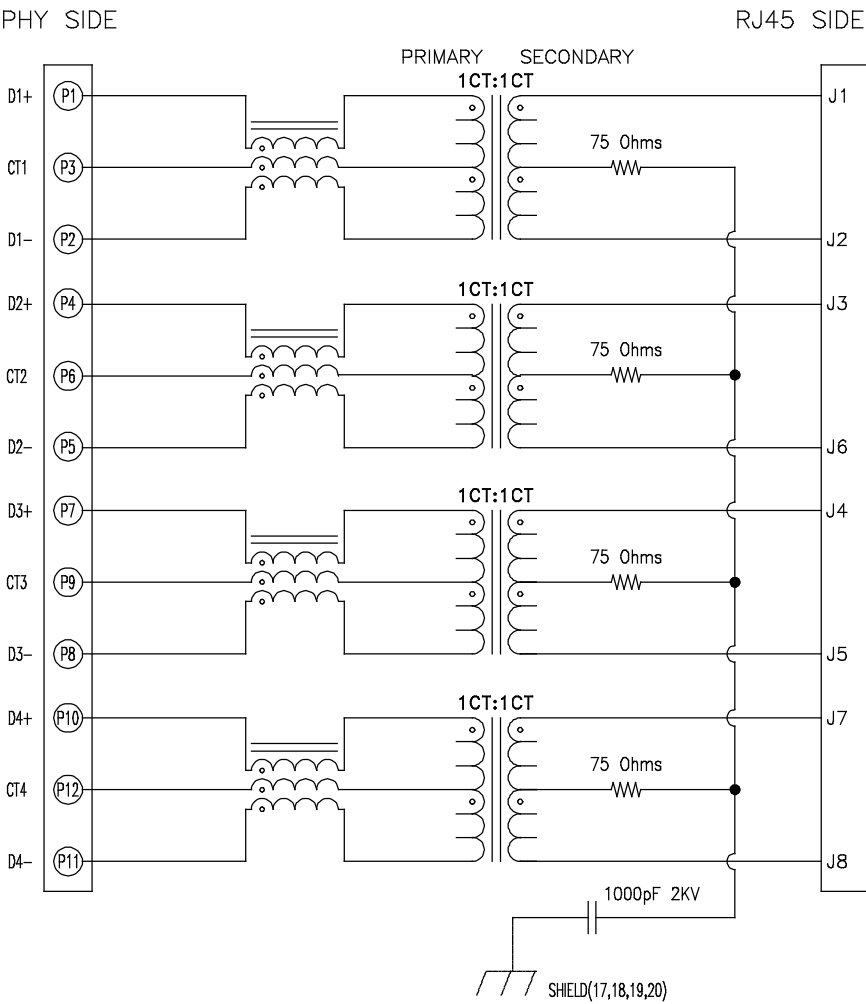
3.3 CROSS TALK:

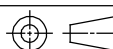
1-100 MHz,-30dB MIN.

3.4 CMRR :

1-100 MHz,-30dB MIN.

SCHEMATIC



X. ±	X°. ±	UNITS	NAME (INTENDED USE)	FOXCONN®			
.X ±	.X° ±	MAT'L	CUSTOMER	FOXCONN INTERCONNECT TECHNOLOGY LIMITED.			
.XX ±	.XX° ±	FINISH	PART NO. (INTENDED USE)	CLASS:	☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL		
.XXX±	.XXX°±		JFM3811*-H380-*	TITLE:	RJ45 ,1X1,T/U,T/H,10/1000 CONNECTOR		
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		Q'TY	CHKD: FEI. LI 04/14' 15		SCALE	SHEET	REV.
		DR: G. Y. CHEN 04/14' 15	NONE		3/5	RX9	

SPECIFICATIONS:

1. ELECTRICAL:

- 1.1 CURRENT RATING: 1.5 AMPERES MAX.
1.2 CONTACT RESISTANCE: 60 mΩ MAX INITIAL.

2. MECHANICAL:

- 2.1 MATING FORCE: 4.5 LBS MAX. WITH LATCH DEPRESSED
AT AN ADVANTAGEOUS ANGLE.
2.2 DURABILITY (MATING/UNMATING): 5000 CYCLES
2.3 OPERATING TEMPERATURE: -40°C TO +85°C
2.4 FLAMMABILITY: UL 94V-0

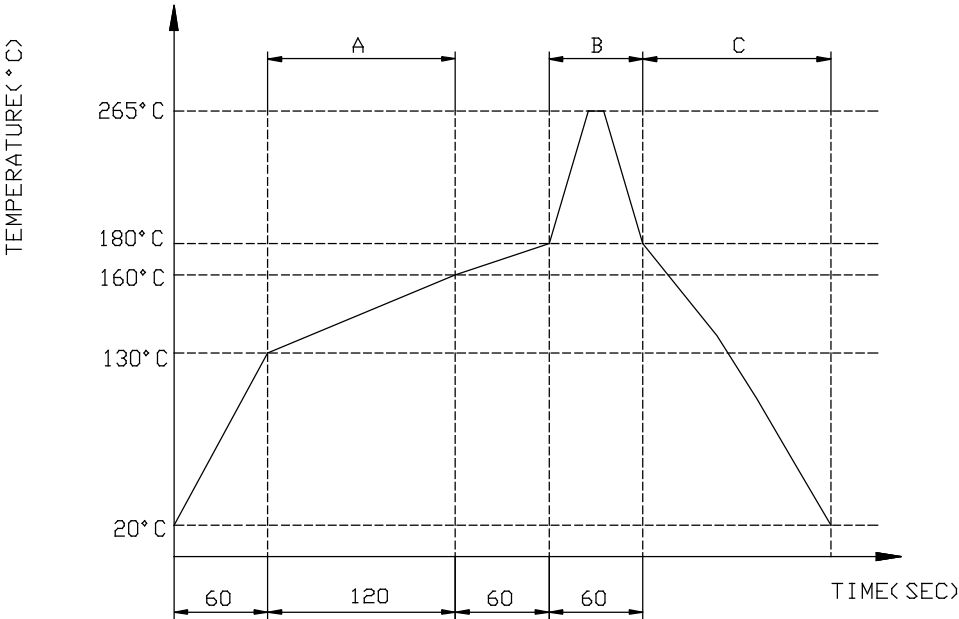
3. LED'S CHARACTERISTICS:

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 582~592nm
LUMINOUS INTENSITY IF=20mA YELLOW 2~12mcd

FORWARD VOLTAGE IF=20mA AMBER 1.80~2.40V
DOMINANT WAVELENGTH IF=20mA AMBER 590~600nm
LUMINOUS INTENSITY IF=20mA AMBER 2~12mcd

PROFILE OF WAVE SOLDER:



A: PREHEATING B: SOLDERING C: GRADUAL COOLING

RECOMMENDED WAVE SOLDER CURVE

- (1) TIP TEMPERATURE: 265°C
(2) TIP TEMPERATURE TIME: 10 SEC MAX.

X. ±	X° ±	UNITS	NAME(INTENDED USE)	Foxconn®	
.X ±	.X° ±	MAT'L	CUSTOMER	FOXCONN INTERCONNECT TECHNOLOGY LIMITED.	
.XX ±	.XX° ±		PART NO.(INTENDED USE)	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL	
.XXX±	.XXX°±	FINISH	JFM3811*-H380-*	TITLE: RJ45 ,1X1,T/U,T/H,10/1000 CONNECTOR	
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			CHKD: FEI.LI 04/14' 15		
			DR: G. Y. CHEN 04/14' 15		
				SCALE	SHEET
				NONE	4/5
				REV.	RX9

9	LEDS	2 OR 0		LED1/LED2	
8	MAGNETIC	1		NONE	
7	PCBA	1	FR4	NONE	
6	OUTER SHIELD	1	METAL ALLOY	30~100u" NICKEL UNDERPLATING GROUNDING TAIL 50~200 u" MAT TIN ALLOY SELECT PLATING	
5	SOLDERTAILS	12	COPPER ALLOY	100u" MIN MAT TIN ALLOY AT SOLDERING AREA 50~200 u" NICKEL UNDERPLATING	
4	RJ45 CONTACT	8	PHOSPHOR BRONZE	30u" MIN GOLD AT CONTACT AREA 50~200 u" NICKEL UNDERPLATING	
3	RJ45 INSERT	1	LCP UL 94V-0		BLACK
2	CARRIER HOUSING	1	HTN UL 94V-0		BLACK
1	HOUSING	1	HTN UL 94V-0		BLACK
ITEM	DESCRIPTION	QUANTITY	MATERIAL	TREATMENT	REMARK

REMARK:

JFM
SERIES PREFIX:
JFM =RJ WITH MAGNETIC.

3 8
CORE COUNT:
8 = 8 CORE,
PROTOCOL TYPE:
3 =10/100/1000

1 1 *
LEDS
SEE SHEET 2/5
PCB ATTACHMENT METHOD:
1 = SOLDER TAIL
CONFIGURATION:
1 = 1X1 T/U w/GROUNDING

- H 3 8 0 - * *
FOXCONN SERIAL NO.

FINISH:
F=LEAD FREE
H=HALOGEN FREE
PACKAGE TYPE:
4= SOFT TRAY
7= TAPE & REEL

DATE CODE:

* * * **
YEAR MONTH DATE ASSEMBLY LINE CODE
USING THE END NUMBER OF CALENDAR YEAR
1 = JANUARY
2 = FEBRUARY
3 = MARCH
A = OCTOBER
B = NOVEMBER
C = DECEMBER
1 = 1 2 = 2
A = 10 B = 11
H = 17 J = 18
P = 24 R = 25
T = 27 V= 28
X = 30 Y= 31
I, Q, U CANNOT BE USED

X. ±	X°. ±	UNITS mm	NAME (INTENDED USE)	Foxconn® FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X ±	.X° ±	MAT'L	CUSTOMER	
.XX ±	.XX° ±	FINISH	PART NO. (INTENDED USE)	CLASS: CONFIDENTIAL □ SECRET ■ GENERAL
.XXX±	.XXX°±		JFM3811*-H380-**	TITLE: RJ45 ,1X1,T/U,T/H,10/1000 CONNECTOR
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		Q'TY	CHKD: FEI. LI 04/14' 15	
		DR:	G. Y. CHEN 04/14' 15	
				SCALE SHEET REV. NONE 5/5 RX9