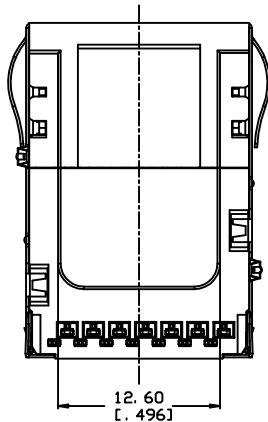
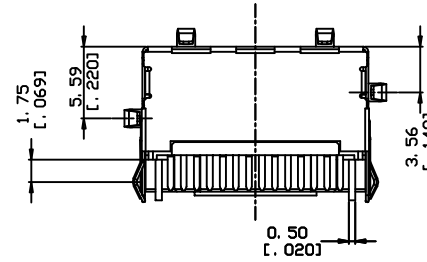
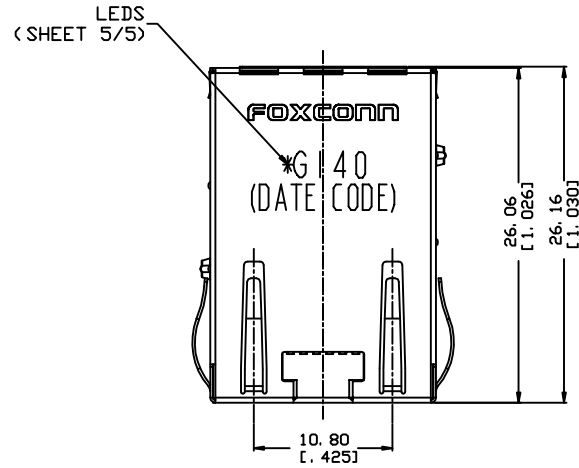


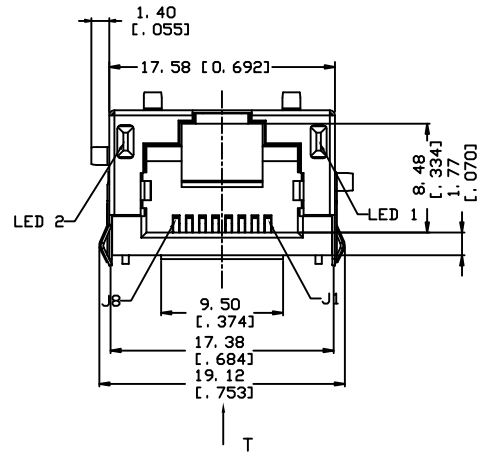
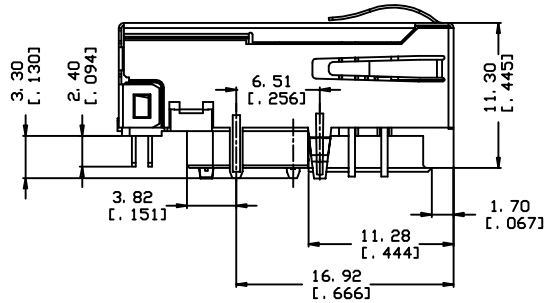
REV.	ECN. NO.	APPD.
A	BC-14-0026756	L. C. WU



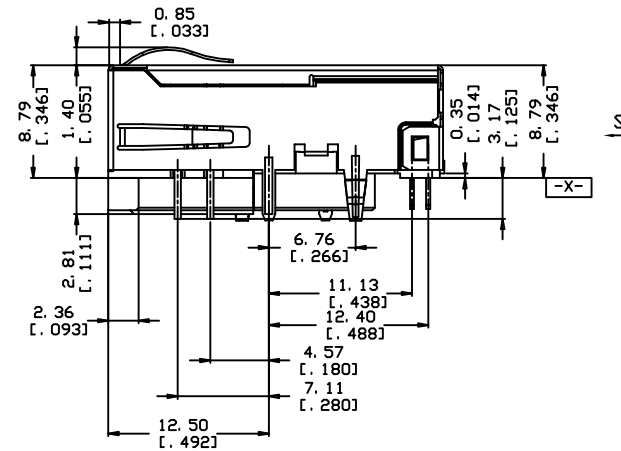
VIEW T



VIEW S



T



S

NOTES: UNLESS OTHERWISE SPECIFIED

- RJ45 TO BE BASED UPON FCC 68.5.
- RECOMMENDED PCB THICKNESS TO BE 1.57[.062]
- PCB STANDOFF SURFACE TO BE DATUM -X-
- HARMFUL MATERIAL CONTROL COMPLIANT ROHS.
- LASER PRINT MARK:

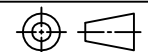
JFM3811 G140-4F

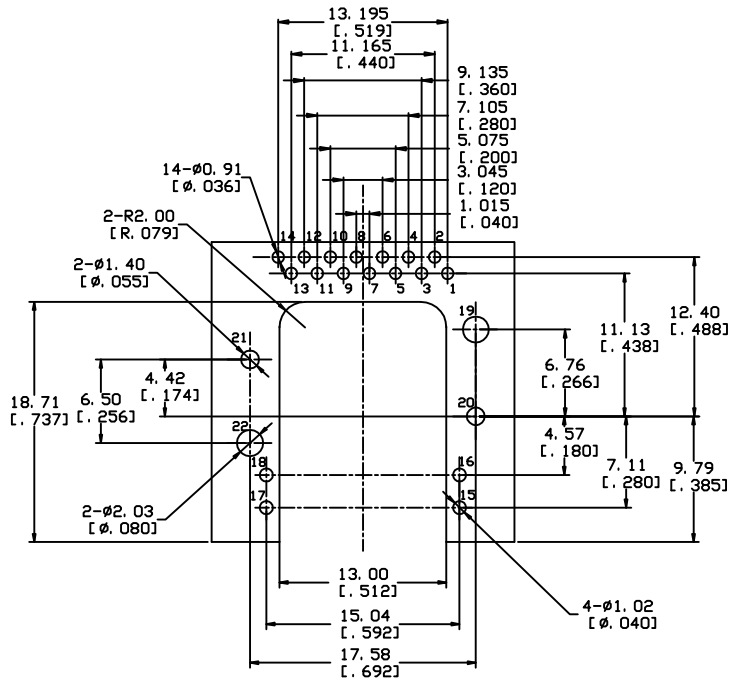
① *G140

② ***** LEDS+EXTENSION CODE

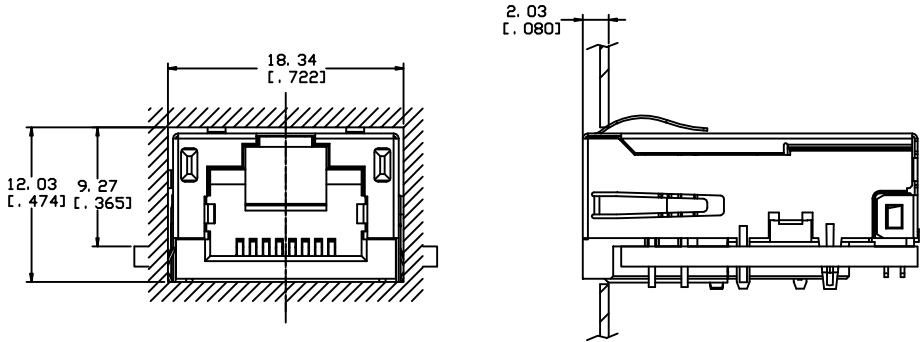
DATE CODE

X± /	X* ± /	UNITS MM[INCH]	NAME (INTENDED USE) CUSTOMER	FOXCONN FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
. X± 0.30 [0.012]	. X* ± /	MAT' L	PART NO. (INTENDED USE)	
. XX± 0.25 [0.010]	. XX* ± /	FINISH	JFM3811*-G140-*F	CLASS: <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET <input checked="" type="checkbox"/> GENERAL
. XXX± 0.25 [0.010]	. XXX* ± /		Q' TY	APPD: L. C. WU 05/29' 14
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			DR: D. K. LIU 05/29' 14	SCALE SHEET REV. N/A 1/5 A





RECOMMENDED PCB FOOTPRINT
TOP VIEW (COMPONENT SIDE)



RECOMMENDED PANEL CUTOUT

JFM3811B-G140-*F		
JFM3811A-G140-*F		
JFM3811J-G140-*F		
PART NO.	LED2 (LEFT)	LED1 (RIGHT)

X± /	X* ± /	UNITS MM [INCH]	NAME (INTENDED USE) CUSTOMER	FOXCONN FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
. X±	. X* ± /	MAT' L	PART NO. (INTENDED USE) JFM3811*-G140-*F	CLASS: <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET <input checked="" type="checkbox"/> GENERAL
. XX± [0.05 [0.002]	. XX* ± /	FINISH	APPD: L. C. WU 05/29' 14	TITLE: RJ45 , 1X1, T/U, T/H, 10/1000
. XXX±	. XXX* ± /	Q' TY	CHKD: J. H. HU 05/29' 14	DWG NO. : 305-0000-4768
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NOTES : UNLESS OTHERWISE SPECIFIED

- 6. ALL SHIELDING PINS TO BE CONNECTED TO SHELL GROUNDING.
- 7. ELECTRICAL SPECIFICATIONS @ 25C:

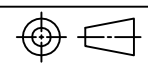
INSERTION LOSS -1.0dB MAX. @ 1-100MHz;
 RETURN LOSS -16dB Min. @ 1-40MHz;
 -10dB Min. @ 40-100MHz;

 CMRR -30dB MIN. @ 1-100MHz;
 DCMR -30dB MIN. @ 1-100MHz;
 CROSSTALK -27.1+16.8Log(f/100)dB MIN. @ 1-100MHz;
 HI-POT<ISOLATION VOLTAGE> 1500VAC
 TURNS RATIO:
 PRIMARY <PHY> VS SECONDARY <CABLE> 1CT : 1CT ±3%
 PRIMARY INDUCTANCE<QCL>: 350 uH MIN. @100KHz/100mVRMS, 8mA DC BIAS

SCHMATIC



X± /	X* ± /	UNITS dB	NAME< INTENDED USE> CUSTOMER	FOXCONN FOXCONN INTERCONNECT TECHNOLOGY LIMITED.		
. X± /	. X* ± /	MAT' L	PART NO. < INTENDED USE>	CLASS: <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET <input checked="" type="checkbox"/> GENERAL		
. XX± /	. XX* ± /	FINISH	JFM3811*-G140-*F	TITLE: RJ45 , 1X1, T/U, T/H, 10/1000		
. XXX± /	. XXX* ± /		APPD: L. C. WU 05/29' 14	DWG NO. : 305-0000-4768		
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			DR: D. K. LIU 05/29' 14			SHEET



N/A	3/5	A
-----	-----	---

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 ADVANTAGEDOUS ANGLE.
- 2.2 DURABILITY (MATING/UNMATING): 5000 CYCLES
- 2.3 OPERATING TEMPERATURE: -40°C TO +85°C
- 2.4 FLAMMABILITY: UL 94V-0

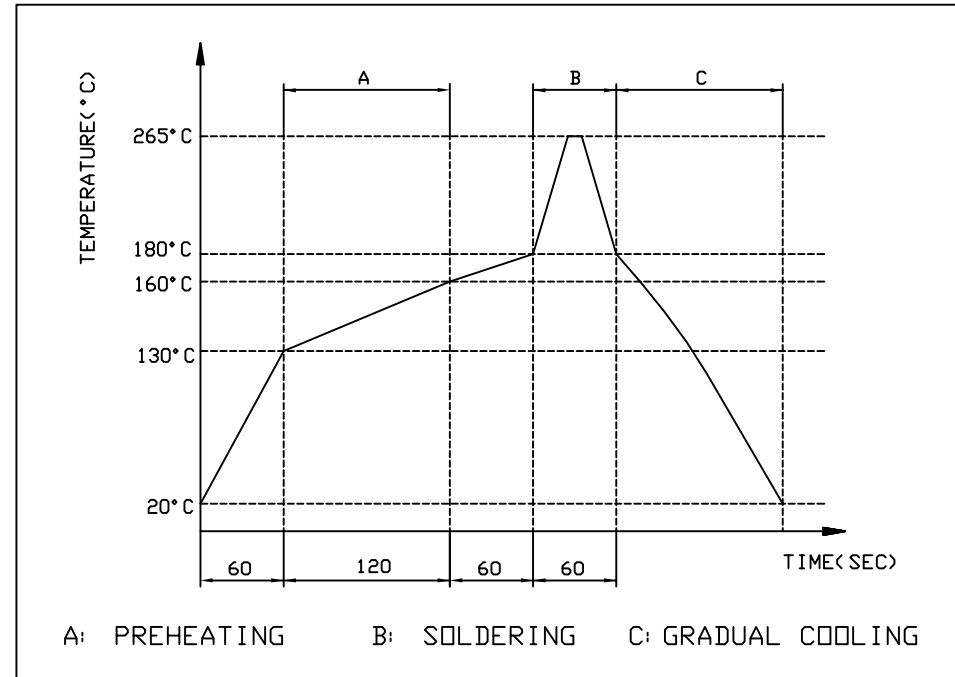
3. LED'S CHARACTERISTICS:

FORWARD VOLTAGE IF=20mA GREEN 1.80~2.60V
 DOMINANT WAVELENGTH IF=20mA GREEN 562~568nm

FORWARD VOLTAGE IF=20mA YELLOW 1.80~2.40V
 DOMINANT WAVELENGTH IF=20mA YELLOW 575~581nm

FORWARD VOLTAGE IF=20mA ORANGE 1.80~2.40V
 DOMINANT WAVELENGTH IF=20mA ORANGE 600~612nm

PROFILE OF WAVE SOLDER:



RECOMMENDED WAVE SOLDER CURVE

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

X± /	X°. ± /	UNITS	NAME< INTENDED USE> CUSTOMER	FOXCONN FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
. X± /	. X° ± /	MAT' L	PART NO. < INTENDED USE> JFM3811*-G140-*F	
. XX± /	. XX° ± /	FINISH	APPD: L. C. WU 05/29' 14	CLASS: <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET <input checked="" type="checkbox"/> GENERAL
. XXX± /	. XXX° ± /		Q' TY	CHKD: J. H. HU 05/29' 14
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				SCALE SHEET REV. N/A 4/5 A

8	LEDS	2		LED1/LED2	
7	MAGNETIC	1		NONE	
6	SHELL	1	METAL ALLOY	30~100u' NICKEL UNDERPLATING GROUNDING TAIL 50~200 u' MAT TIN ALLOY SELECT PLATING	
5	SOLDERTAILS	14	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	THERMOPLASTIC UL 94V-0	BLACK	
2	SPACER	1	THERMOPLASTIC UL 94V-0	BLACK	
1	HOUSING	1	THERMOPLASTIC UL 94V-0	BLACK	
ITEM	DESCRIPTION	QUANTITY	MATERIAL	TREATMENT	REMARK

REMARK:

JFM 3 8 1 1 * - G 1 4 0 - * F

SERIES PREFIX:
JFM =RJ WITH
MAGNETIC,

CORE COUNT:
8 = 8 CORE,

PROTOCOL TYPE:
3 =10/100/1000

LEDS
SEE SHEET 2/5

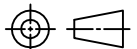
PCB ATTACHMENT METHOD:
1 = SOLDER TAIL

CONFIGURATION:
1 = 1X1 T/U w/GROUNDING

FINISH:
F=LEAD FREE

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

FOXCONN EXTENSION CODE

X± /	X° ± /	UNITS	NAME< INTENDED USE> CUSTOMER	FOXCONN FOXCONN INTERCONNECT TECHNOLOGY LIMITED.						
. X± /	. X° ± /	MAT' L	PART NO. < INTENDED USE>	CLASS: <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET <input checked="" type="checkbox"/> GENERAL						
. XX± /	. XX° ± /	FINISH	JFM3811*-G140-*F	TITLE: RJ45 , 1X1, T/U, T/H, 10/1000						
. XXX± /	. XXX° ± /		APPD: L. C. WU 05/29' 14	DWG NO. : 305-0000-4768						
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SCALE	SHEET	REV.								
N/A	5/5	A								
			DR: D. K. LIU 05/29' 14							