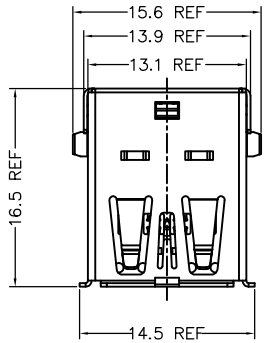
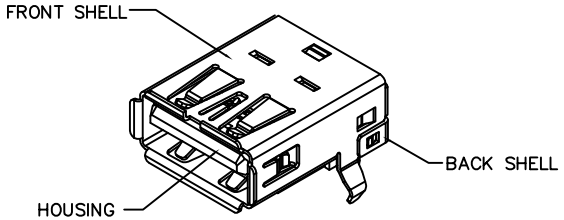
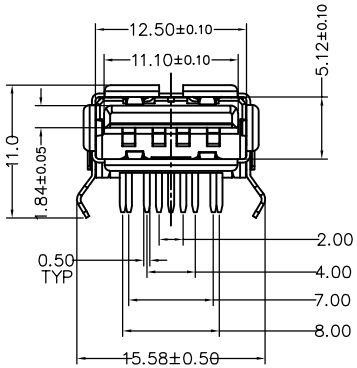
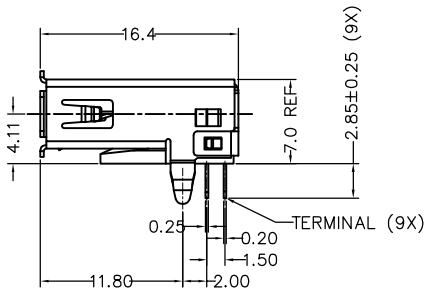
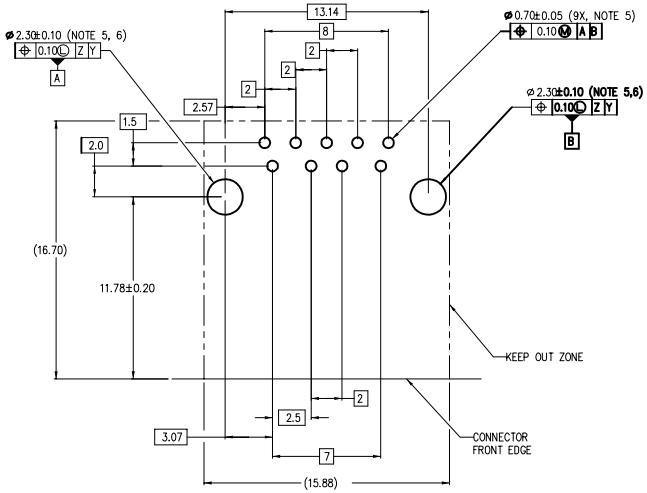
Copyright FCI.



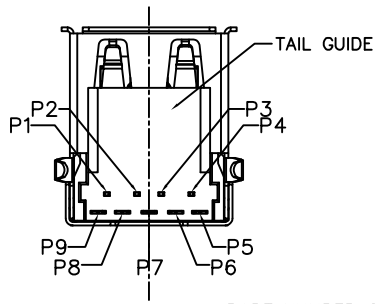








RECOMMENDED PCB LAYOUT
TOP VIEW (THICKNESS: 1.6±0.1mm)



PART NUMBER CODE:
10117835–X0XLF

- PLATING OPTION ON CONTACT AREA
  - 1: 30u" (0.76um) Min. gold (Durability: 3500)
  - 2: Gold Flash (Durability: 1500)
  - 3: 15u" (0.38um) Min. gold (Durability: 3000)
- PACKAGE TYPE
  - 0: TRAY
  - T: TAPE & REEL

Notes:

1) Materials and Finish
   - Housing & Tail Guide: Glass fiber filled thermoplastic reisn, UL94 V-0 rated, color blue.
   - Terminals: Copper Alloy, 50u"(1.27um) Min. Ni underplated over all.
   - Contact area: see table
   - Tail area: 80u"(2.0um) Min. Matte Tin plated.
   - Front Shell: Copper Alloy, 50u"(1.27um) Min. Ni plated over all.
   - Back Shell: Steel, 80u"(2.0um) Min. Ni plated over all.
2) Product specifcation refer to FCI GS-12-0928.
3) Package specification refer to GS-14-2157 .
4) Housing will withstand exposure to 260°c peak temperature for 10 seconds in a convection reflow oven
5) Product meets European Union Directives and other country requlations as desribed in FCI GS-22-008.
6) Recommeded PCB hole is finished plating throug hole (PTH) size.
7) Datum Z,Y and basic dimensions were constructed by customer.

ltr	ecn no	dr	date
A	–	BF	01/04/2012
B	ELX-N-012221	A.ZH	07/16/2012
C	ELX-N-17163	L.Q	03/10/2014
D	ELX-N-17795	L.Q	05/27/2014
E	ELX-N-19547	L.Q	11/21/2014
F	ELX-N-21815	L.Q	09/01/2015

dr	BEER FU	2012-01-04	
engr	BEER FU	2012-01-04	
chr	BEER FU	2012-01-04	
appd	BEER FU	2012-01-04	

mat'l. code	surface ASME Y14.5	tolerance ASME Y14.5
tolerances unless otherwise specified		
angles	X.±0.30	
linear	X.X±0.25	
X°±1°	X.XX±0.20	

projection | MM | scale

product family	USB 3.0
title	USB 3.0 Standard–A Receptacle Right Angle Type Soldering to Board Termination
dwg no	10117835
sheet	1 of 1
size	A4
type	CUSTOMER Drawing

sheet index	revision	F	
	sheet	1	