

61729-0011BLF - USB : Type B, Receptacle, Through Hole, 30u GXT Contact, 4 Pins, Full Back Shield with Bright Tin Plating, 1.57 mm PCB, White HSG, Tube packing



www.fci.com

Specifications

General

Hold Down Style	Standard
Number of contacts	4
Orientation	Right Angle
Pin Orientation	Standard
Product Type	Receptacle
Shell Options	Back Shield
Style	B Type
Sensor Contact Options	without Sensor Contact
Series Number	61729
Single or Dual Stack	Single

Dimensional

Thickness (Board - recommended)	1.57 mm
Thickness (Panel - max)	2.67 mm

Mounting

Mounting flange / Hole options	None
Mounting style	Through Hole

Physical

Color (Housing)	White
Material (Housing)	Glass - Fiber Filled Thermoplastic, UL 94V-0
Plating (Contact area)	30u" GXT
Plating (Shell)	Pure Tin / Nickel Under Plating
Plating (Tail)	100u" Pure Tin

Approvals / Certifications

USB 2.0 Qualified	Yes
-------------------	-----

Other Features

Most Popular Configuration	Yes
Packaging (Options)	Tubes

PRODUCT NO.

61729

PRODUCT NUMBER CODE

61729- X 0 X X X P S LF

BASE PRODUCT NUMBER

HOUSING COLOR OPTION

0 - WHITE
1 - BLACK

SHIELD OPTION

1 - FULL BACK
2 - PARTIAL BACK
S - FULL BACK (SPECIAL MATERIAL
FOR 12,000 DURABILITY CYCLES)
P - PARTIAL BACK (SPECIAL MATERIAL
FOR 12,000 DURABILITY CYCLES)

TERMINAL PLATING OPTION

0 - 50u" NI UNDERPLATED
30U" GXT CONTACT AREA
100u" PURE TIN TAIL AREA
1 - 50u" NI UNDERPLATED
30U" GOLD CONTACT AREA
100u" PURE TIN TAIL AREA

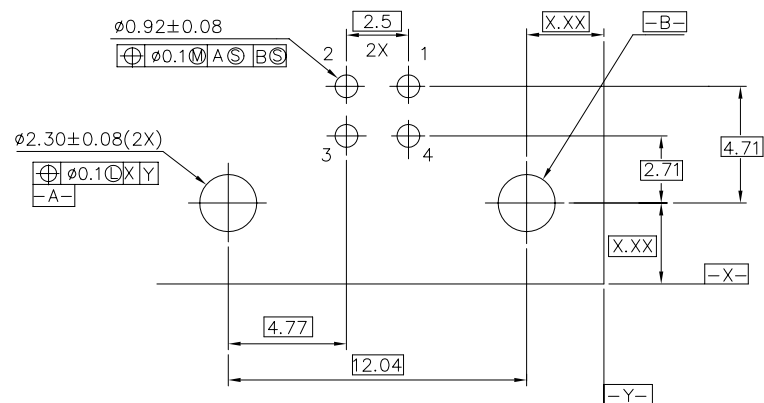
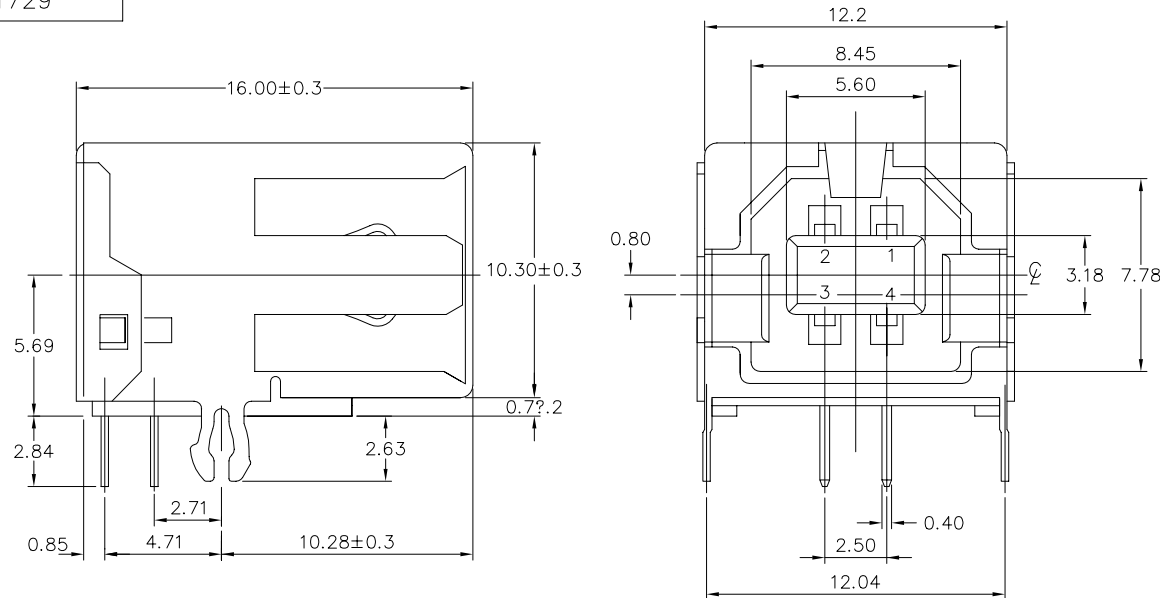
PACKAGING OPTION

B-TUBES
R-TAPE & REEL

DATE CODE OPTION

ONLY FOR PANASONIC

LEAD FREE OPTION



P.C. BOARD LAYOUT

mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY		 www.fciconnect.com	
ltr	ecn no	dr	date	linear	.0 ± 0.30		projection 	title USB RECEPTACLE B TYPE		
S	N05-0242	PH	08/22/05		.00 ± 0.20					
T	N06-0103	HB	04/15/06	angles	.000± 0.10		MM/INCH 	product family USB size dwg no 61729		
U	N08-0238	R.B	2008/11/03		± 2°					
V	N08-0264	R.B	2008/12/08	dr	SHIRLEY HSU	03/03/97	scale 4 : 1 A3	sheet 1 of 2		
				enr	R Y LIU	03/03/97				
				chr	R Y LIU	03/03/97				
				appd	JENN TSAO	03/03/97				
sheet index	revision sheet									

PDM: Rev:V

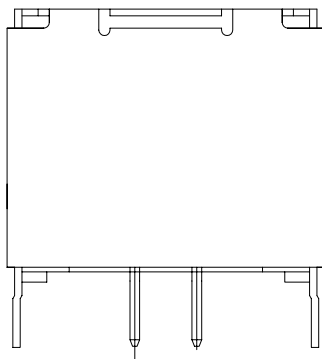
STATUS: Released

Printed: Jul 28, 2010

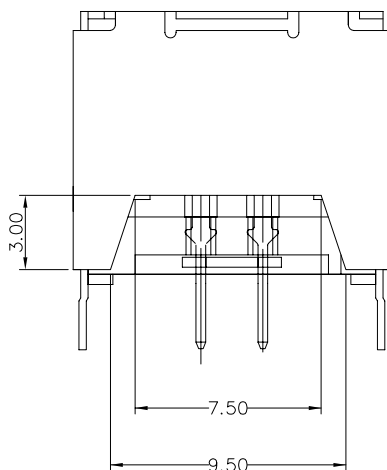
6

PRODUCT NO.

61729



TYPE"1" FULL BACK



TYPE"2" PARTIAL BACK

NOTES:

1. MATERIAL:
SHIELD & CONTACTS: COPPER ALLOY
HOUSING: UL 94V-0 THERMOPLASTIC. COLOR: SEE PRODUCT NUMBER CODE.
2. PLATING: SEE PRODUCT NUMBER CODE.
SHIELD: BRIGHT TIN
NICKEL UNDERPLATE.
3. DATUMS & BASIC DIMENSIONS TO BE DETERMINED BY CUSTOMER
4. RECOMMENDED BOARD THICKNESS IS 1.57 mm (.062)
5. PACKING STANDARD GS-14-920 WILL BE APPLIED FOR LEAD FREE P/N'S
6. FOR LEAD FREE P/N, THE PRODUCT MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008
7. FOR LEAD FREE P/N'S, THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, INFRARED OR VAPOR PHASE REFLOW OVEN.
8. THE PART CAN BE USED FOR PIP PROCESS.

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI		www.fciconnect.com	
ltr	ecr no	dr	date	linear	.0 ± 0.20	projection	title	product family	code	size	sheet
v					.00 ± 0.10						
					.000 ± 0.05						
				angles	± 2°						
				dr	SHIRLEY HSU 03/03/97	MM/INCH		USB			
				enr	R Y LIU 03/03/97	←→		RECEPTACLE B TYPE			
				chr	R Y LIU 03/03/97	scale					
				appd	JENN TSAO 03/03/97	5 : 1					
sheet	revision										
index	sheet										

PDM: Rev:V

STATUS: Released

Printed: Jul 28, 2010

6