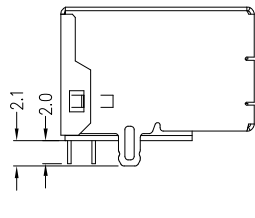
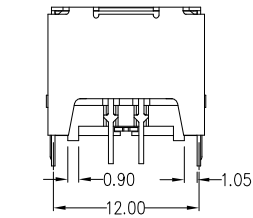
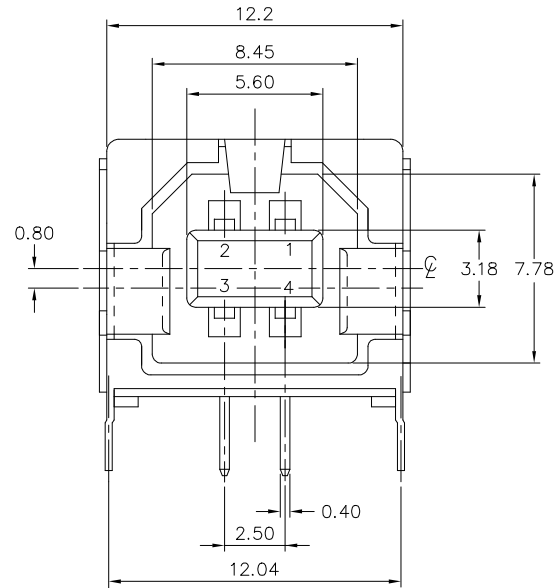
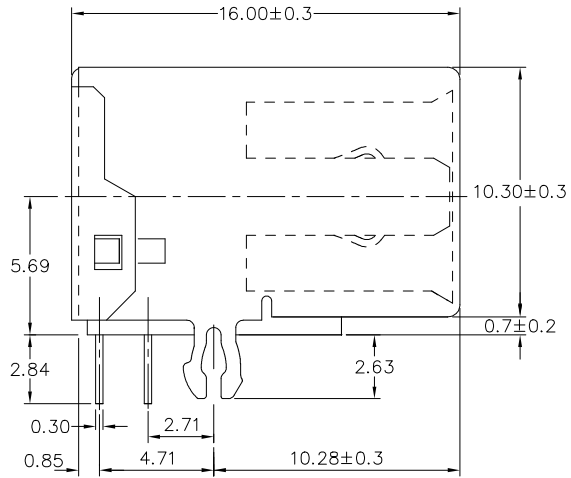
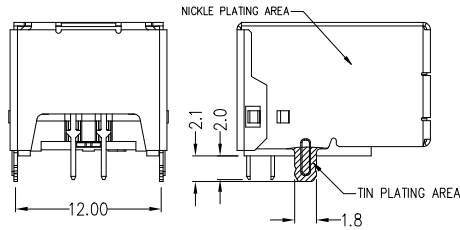


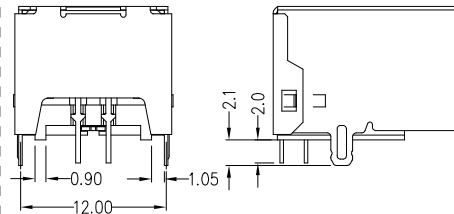
PRODUCT NO.
61729-*



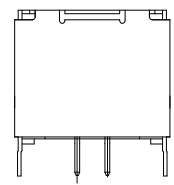
TYPE"4" PARTIAL BACK WITH SHORT SOLDER TAIL, SHELL TAIL AND SPECIAL HOUSING FOR PIP PROCESS 61729-XXWXL



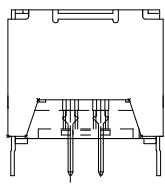
TYPE"5" PARTIAL BACK WITH SHORT SOLDER TAIL, SHORT SHELL TAIL AND SELECTED MATTE TIN SHELL FOR PIP PROCESS 61729-XXTXL



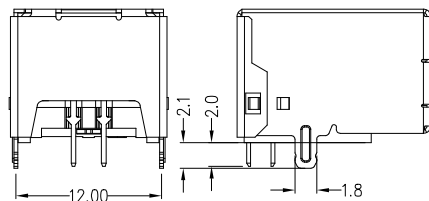
TYPE"6" PARTIAL BACK WITH SHORT SOLDER TAIL, SHORT SHELL TAIL, SPECIAL HOUSING, AND FULL MATTE TIN SHELL FOR PIP PROCESS 61729-XXVXL



TYPE"1" FULL BACK

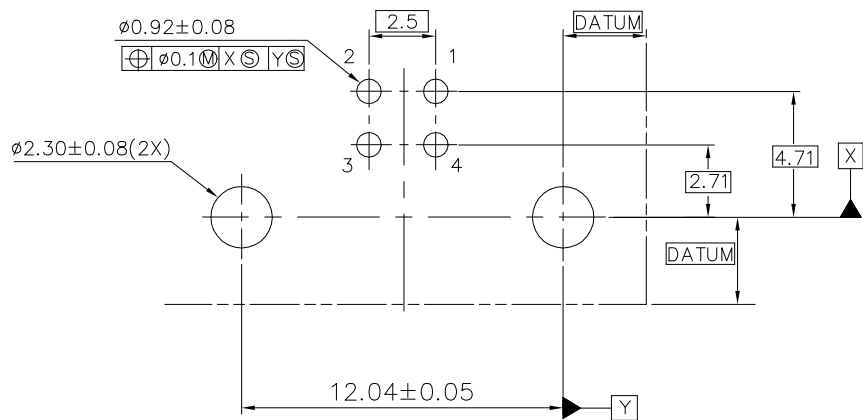


TYPE"2" PARTIAL BACK

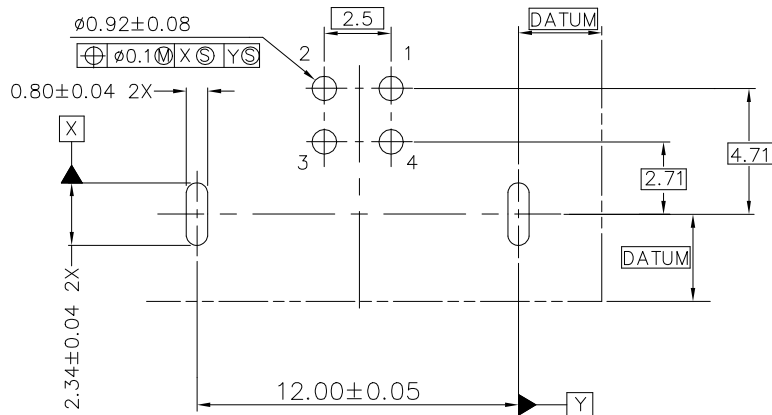


TYPE"3" PARTIAL BACK WITH SHORT SOLDER TAIL AND SHELL TAIL FOR PIP PROCESS 61729-XXQXL

mat'l. code		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 110°		product family HPL 511 USB2.0	
ltr ecn no dr date		tolerances unless otherwise specified		linear		mm		title	
AA	ELX-N-34768-1	YY	09/19/19	angles	0.0±0.30			USB RECEPTACLE B TYPE	
AB	ELX-N-37746-1	YY	03/09/21	0°±2°	0.00±0.20				
AC	ELX-N-40307-1	YY	03/09/21	dr	0.000±0.10	scale 1:1			
AD	ELX-N-45469-1	TY	07/22/22	engr	Yuan-Yuan Bao	07/22/22	Amphenol FCI		sheet 1 of 3
X	ELX-N-29556	LZ	03/09/18	chr	Tian-Yu.Tang	07/22/22	61729		A3
Y	ELX-N-32780	YY	02/26/19	appd	Li-Qing Lei	07/22/22	type Product Customer Drawing		
sheet index	revision sheet								



P.C. BOARD LAYOUT
STYLE 1 APPLY FOR TYPE 1 & 2



P.C. BOARD LAYOUT
STYLE 2 APPLY FOR TYPE 3

NOTES:

1. MATERIAL:
SHIELD & CONTACTS: COPPER ALLOY
HOUSING: UL 94V-0 ,HIGH TEMPERATURE THERMOPLASTIC.
COLOR: SEE PRODUCT NUMBER CODE.
2. PLATING: SEE PRODUCT NUMBER CODE.
SHIELD: BRIGHT TIN, NICKEL UNDERPLATE(USED FOR WAVE SOLDER PROCESS),
PLATING NICKEL ONLY(USED FOR PIP PROCESS).
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 TERMERATURE FOR 10 SECONDS IN A CONVECTION, INFRO-RED OR VAPOR PHASE REFLOW OVEN.
8. THE PART CAN BE USED FOR PIP PROCESS.

Amphenol FCI

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mat'l. code		surface	tolerance	projection	product family
		ISO 1302 ✓	ISO 406 ISO 1101	1101	HPL 511 USB2.0
ltr	ecn no	dr	date	title	
AD				USB RECEPTACLE B TYPE	
		tolerances unless otherwise specified	linear	mm	
		angles	0°±2'	scale 1:1	
		0°±2'	0.0±0.30		
			0.00±0.20		
			0.000±0.10		
		dr	Yuan-Yuan Bao	07/22/22	Amphenol FCI
		engr	Tian-Yu.Tang	07/22/22	dwg no
		chr	Li-Qing Lei	07/22/22	sheet2 of 3
		appd	Tim Yao	07/22/22	size
					A3
					type Product Customer Drawing
sheet index	revision sheet				

PRODUCT NUMBER CODE:

61729 - X X X X P S LF

BASE PRODUCT NUMBER

HOUSING COLOR OPTION

- 0 - WHITE
- 1 - BLACK

HALOGEN OPTION

- 0 - WITH HALOGEN
- 1 - HF (HALOGEN FREE)

SHIELD OPTION

- 1 - FULL BACK:
 - 50u" NI UNDERPLATED
 - 100u" PURE BRIGHT TIN OVER-ALL
- 2 - PARTIAL BACK:
 - 50u" NI UNDERPLATED
 - 100u" PURE BRIGHT TIN OVER-ALL
- 3 - FULL BACK (SPECIAL PLATING NI ONLY):
 - 50u" NI UNDERPLATED

- S - FULL BACK (SPECIAL MATERIAL FOR 12,000 DURABILITY CYCLES):
 - 50u" NI UNDERPLATED
 - 100u" PURE BRIGHT TIN OVER-ALL

- P - PARTIAL BACK (SPECIAL MATERIAL FOR 12,000 DURABILITY CYCLES):
 - 50u" NI UNDERPLATED
 - 100u" PURE BRIGHT TIN OVER-ALL

- Q - PARTIAL BACK WITH SHORT TAIL FOR TYPE 3:
 - 50u" NI UNDERPLATED
 - 100u" PURE BRIGHT TIN OVER-ALL

- W - PARTIAL BACK WITH SHORT TAIL AND SEPCIAL HOUSING FOR TYPE 4:
 - 50u" NI UNDERPLATED
 - 100u" PURE BRIGHT TIN OVER-ALL

- T - PARTIAL BACK WITH SHORT TAIL AND SELECTED MATTE TIN SHELL FOR TYPE 5:
 - 50u" NI UNDERPLATED
 - 100u" SELECTED MATTE TIN ON LEGS

- V - PARTIAL BACK WITH SHORT TAIL AND FULL MATTE TIN SHELL, AND SPECIAL HOUSING FOR TYPE 6:
 - 50u" NI UNDERPLATED
 - 100u" MATTE TIN OVER-ALL

LEAD FREE OPTION

ONLY FOR PANSONIC

DATE CODE OPTION
 P - WITH DATE CODE
 DEFAULT: WITHOUT DATE CODE

PACKAGING OPTION
 B - TUBES
 R - TAPE & REEL (REEL'S DIAMETER IS 600MM)
 T - SPECIAL TAPE & REEL (REEL'S DIAMETER IS 380MM)

TERMINAL PLATING OPTION
 0 - 50u" NI UNDERPLATED
 30u" GXT CONTACT AREA
 100u" PURE TIN TAIL AREA
 1 - 50u" NI UNDERPLATED
 30u" GOLD OR 30U" GXT CONTACT AREA
 100u" PURE TIN TAIL AREA
 2 - 50u" NI UNDERPLATED
 GOLD FLASH CONTACT AREA
 100u" PURE TIN TAIL AREA
 3 - 50u" NI UNDERPLATED
 30u" GOLD CONTACT AREA
 100u" PURE TIN TAIL AREA



mat'l. code		surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 110°	product family HPL 511 USB2.0
ltr	ecn no	dr	date	tolerances unless otherwise specified	title
AD				angles linear 0.0±0.30 0.00±0.20 0°±2° 0.000±0.10	USB RECEPTACLE B TYPE
				mm scale 1:1	
		dr	Yuan-Yuan Bao	07/22/22	dwg no sheet3 of 3 size 61729 A3 type Product Customer Drawing
		engr	Tian-Yu.Tang	07/22/22	
		chr	Li-Qing Lei	07/22/22	
		appd	Tim.Yao	07/22/22	
sheet index	revision sheet				