

A

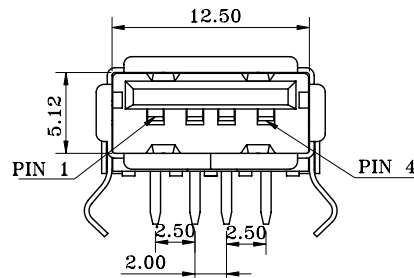
B

C

D

E

DATE CODE:
 WK YY
 WEEK YEAR



1. MATERIAL:

1.1 INSULATOR: SEE ORDER INFORMATION, UL94V-0.
 INSULATOR COLOR: SEE ORDER INFORMATION.

1.2 CONTACT: PHOSPHOR BRONZE, GOLD (SEE ORDER INFORMATION) PLATED
 IN CONTACT AREA, 80u" MIN. TIN PLATED IN SOLDER
 AREA, 30u" MIN. NICKEL UNDERPLATED OVERALL.

1.3 SHELL: BRASS, 50u" MIN. NICKEL PLATED OVERALL.

2. SPECIFICATIONS:

2.1 CURRENT RATING: 1.5A.

2.2 CONTACT RESISTANCE: 30mΩ Max.

2.3 INSULATION RESISTANCE: 1000MΩ MIN.

2.4 DIELECTRIC WITHSTANDING VOLTAGE: AC 500V PER MINUTE.

2.5 OPERATING TEMPERATURE: -40°C ~ +105°C.

3. MECHANICAL CHARACTERISTICS:

3.1 MATING FORCE: 35N MAX.

3.2 UNMATING FORCE: 10N MIN.

3.3 DURABILITY: 1500 CYCLES.

4. NOTES:

4.1 THIS COMPONENT AND ITS HOMOGENEOUS
 SUBCOMPONENTS ARE RoHS6/6 COMPLIANT.

4.2 RESISTANCE TO SOLDERING HEAT:
 230°C FOR 30 TO 60 SECONDS,
 AND 265°C±5°C FOR 10 SECONDS.

4.2 USB VERSION 2.0 COMPLIANT.

5. ORDER INFORMATION:

UB31A11 X X 1 SX-A1-R1

INSULATOR MATERIAL:

A: PBT

B: LCP (SEE NOTE4.2)

CONTACT PLATED:

S1: 1u" GOLD S4: 10u" GOLD

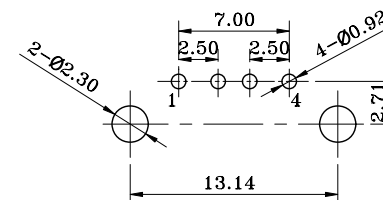
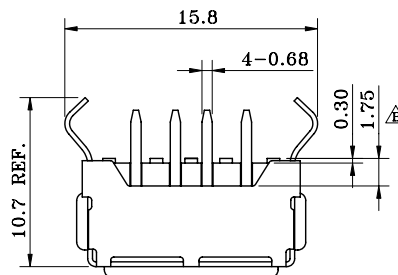
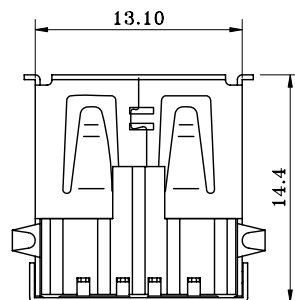
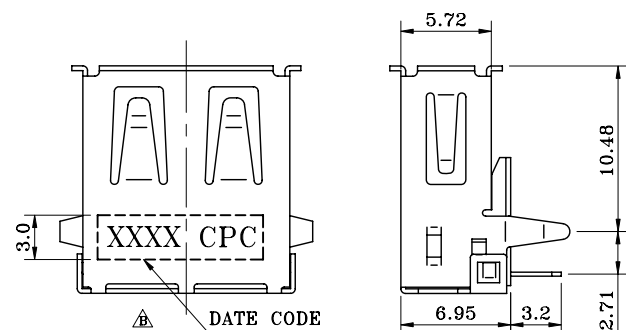
S2: 3u" GOLD S5: 15u" GOLD

S3: 5u" GOLD S6: 30u" GOLD

INSULATOR COLOR:

B: BLACK

C: WHITE



RECOMMENDED P.C.B HOLE LAYOUT(PCB THICKNESS: 1.6mm)
 COMPONENT SIDE VIEW(TOLERANCE: ±0.05)

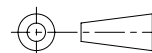
CUST. P/N: 1010795

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REV.	DESCRIPTION	ECN	DRAWN	DATE
B	ADD DATE CODE AND DIMENSION ETC.	N1003004	Karen	Mar.02.2010
A1	MODIFY MATERIAL AND NOTES	ECN1002003	Karen	Feb.04.2010
A	NEW RELEASE		Lidar	Mar.30.2009

REVISIONS

TOLERANCES:
 DIM. XX ±0.3
 X.XX ±0.25
 UNIT: mm
 GENERAL ANGLE:
 ±3°



TITLE:		DRAWN:		DWG. NO.:		CHECKED:		PART NO.:		APPROVAL:	
USB A FEMALE R/A DIP TYPE		Lidar		UB31A11XX1SX-A1-R1		Brant		UB31A11XX1SX-A1-R1		Mark	
SCALE:	SHEET:	LAYER:	DWG. SIZE:	RFQ NO.:							
none	1 OF 1	CN042	A4	Q0903341							

CompuPack

ARTICLE: CPC-CN-001-B