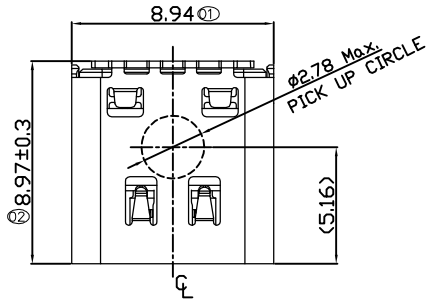
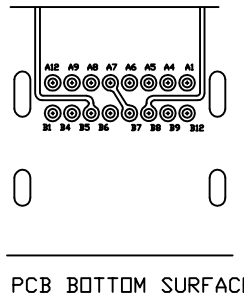
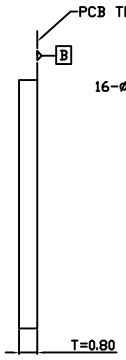
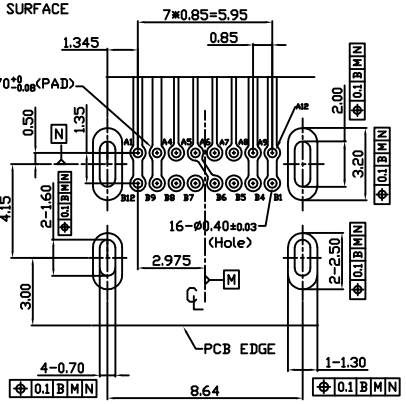
RoHS Compliant









RECOMMENDED P.C.B LAYOUT

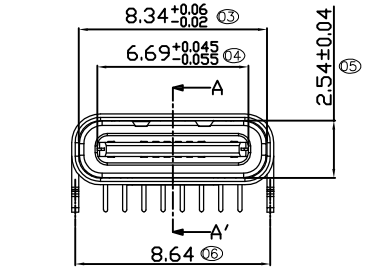
GENERAL TOLERANCE:±0.05
PCB TOP SURFACE

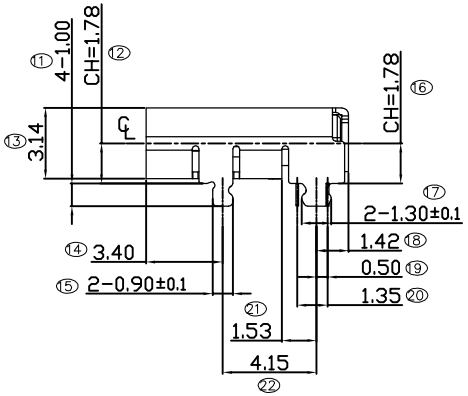
NOTE:
1. Material:
   All Housing: LCP,Black,Thermoplastics,UL94V-0(Halogen Free).
   Contact: Copper Alloy
   Shell: Stainless Stell.
   Mid Shell Plate: Stainless Stell.
2. FINISH:
   Contact: Au 1u" Plated on Contact Area,
   80u" Min. Bright Tin Plated on Solder Area
   30u" Min.Nickel Underplating Over All.
   Shell: 50u" Min. Nickel plated Over All.
3. Specification:
   3.1: Electrical:
   Current Rating: 5A For Pin(A4,A9,B4,B9), 1.25A For Others Pin
   Insulation Resistance: 100MΩ Min.
   Contact Resistance: 50 mΩ Max.
   Dielectric Withstanding Voltage: 100V/AC 1Minute
   3.2: Mechanical Characteristic:
   Insertion Force: 5~20N
   Extraction Force: 0~1000 Cycles 8~20N.
   1000~10000 Cycles 5~20N
   Durability :10000 Cycles
4. Recommened process IR REFLOW: 260℃, 3-5seconds.

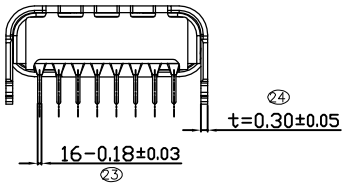
5. PART NO.

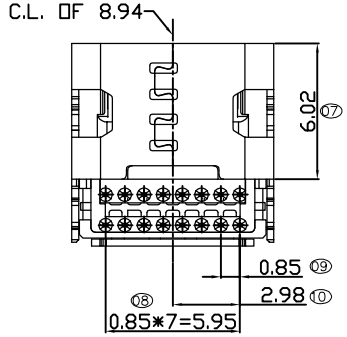
A40 - 00231 - XXX-XX

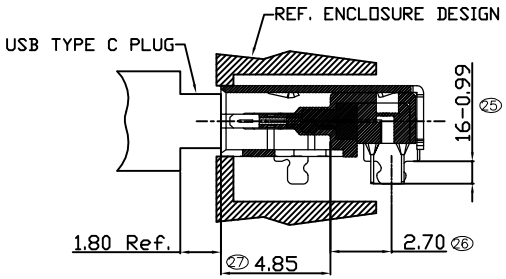
- SERIES CODE
- FEMALE
- Mould FLOW NO.
- FLOW NO.
- MATERIAL: A: LCP
- COLOR: 5: BLACK
- PLATING:
  1: G/F 4: Gold 10u"
  2: Gold 3u" 5: Gold 15u"
  3: Gold 5u" 6: Gold 30u"
- 1.RoHS 2.HALOGEN FREE
- 1: TRAY PACKAGING
  2: TAPE REEL PACKAGE



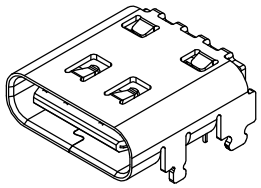








SECTION A-A'



PIN ASSIGNMENT			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1,A12,B1,B12	GND		
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4,A9,B4,B9	VBUS		
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2

NO.	NAME	PLATING	MARK
7	UP Terminal	Copper Alloy , Au 1u" Plated on contact Area 80u" Min. Bright Tin Plated on Solder Area	8PCS
6	Down Terminal		8PCS
5	Down Molding	LCP Black(Halogen Free),	1PCS
4	Upper Molding	LCP Black(Halogen Free),	1PCS
3	Body Second Molding	LCP Black(Halogen Free),	1PCS
2	Mid Shield Plate	Stainless Steel , SUS304 1/2H, Clear,No Plated	1PCS
1	Shell	Stainless steel, Nickel Plating over all	1PCS

ECN. NO	REV	DATE	DESCRIPTION	CHANGED	APPROVED
——	A	17.06.15	NEW RELEASE	XW.Y	Kim

▼= Places
DIM NO.
SCALE: FIT
SHEET: 1 OF 1
UNIT: mm

TOLERANCES UNLESS

X. ± 0.50	X° ± 3°
.X ± 0.35	.X° ± 2°
.XX ± 0.25	.XX° ± 1°
.XXX ± 0.15	.XXX° ± 0.5°

东莞市林跃电子科技有限公司
LYEC DONGGUAN LINYUE ELECTRONICS TECHNOLOGY CO.,LTD.

DESIGN: ZK DATE: Z.KXD 2017.06.15
CHECKED: DATE:
APPROVED: DATE:

USB TYPE CF 90度 16PIN DIP ONLY CH=1.78mm L=8.97mm

PART NO: UB228-F16S4BR-A
SIZE: A4
DWG NO: A40-00231-XXX-XX
REV: A

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