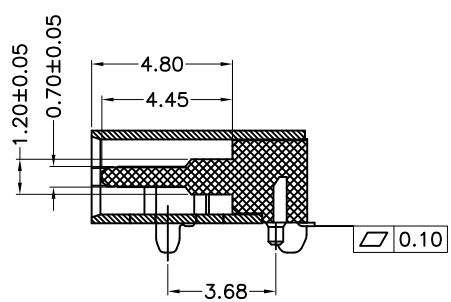
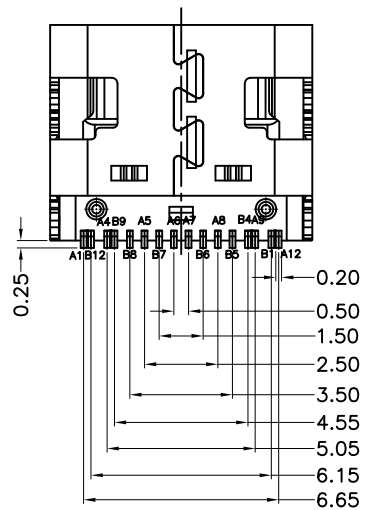
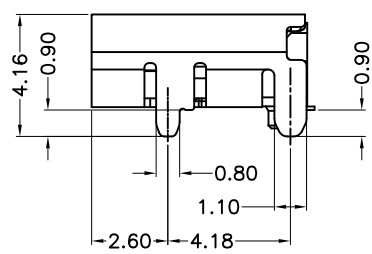
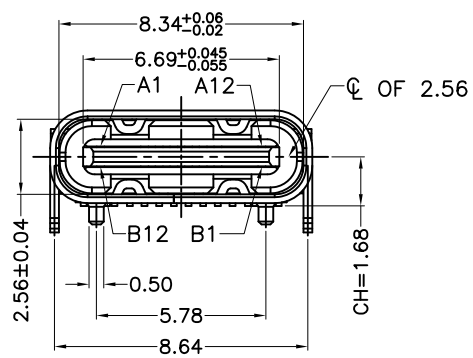
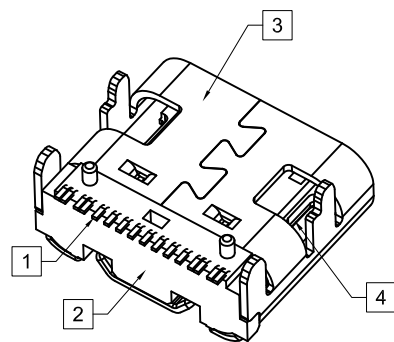
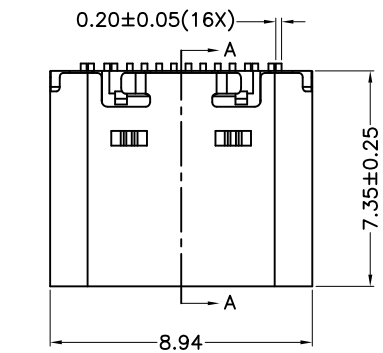




SECTION:A-A

Part N0.
W1016P9-A-XX-R
Mating Area plating
03: Au 3u"Min.
15: Au 15u"Min.
30: Au 30u"Min.

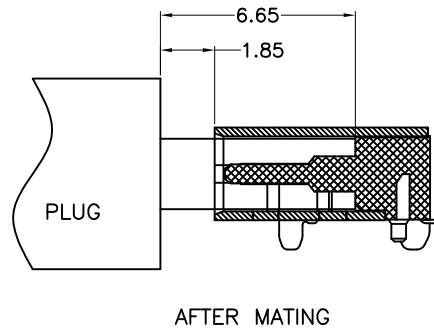
- NOTE:
- 1.PLATING SPECIFICATION:
 - 1-1.CONTACTS:
Ni 50u" MIN. UNDER PLATED OVER ALL.
Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
(GOLD PLATING THICKNESS FOLLOW THE P/N)
PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
 - 1-2.FRONT SHELL:
Ni 30u" MIN. UNDER PLATED OVER ALL.
 - 1-3.SHIELD PLATE&EMI PLATE: CLEAR ONLY
 - 2.MECHANICAL PERFORMANCE,
 - 2-1.INSERTION FORCE: 0.5~2.0kgf.
 - 2-2.EXTRACTION FORCE: 0.8kgf~2.0kgf.
 - 2-3.DURABILITY: 10000 CYCLES.
 - 3.ELECTRICAL PERFORMANCE,
 - 3-1. CURRENT RATING:5.0A
VOLTAGE RATING:5.0V
 - 3-2. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD: 50mΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - 3-3.INSULATION RESISTANCE: 100MΩ MIN
 - 3-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
 - 4.ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
 - 5.IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

Item	Title	Material	Dispose	Q'TY
1	Terminal	Copper Alloy	Mating Area:See P/N Solder Tails:Au	16PCS
2	Housing	HIGH TEMPERATURE PLASTIC	Black,UL94V-0	1PCS
3	Shell	Stainless Steel	Plating Ni	1PCS
4	Mid plate	Stainless Steel	Clear Only	1PCS

REV	ECN NO	DESCRIPTION	DESIGN	DATE
X1	TE2017-XXXX	New Drawing	Drex	2017/07/25

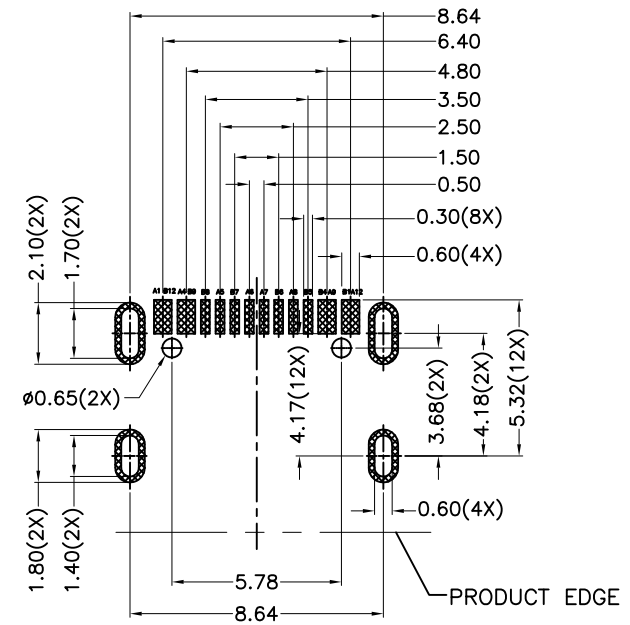
X. ± 0.35	APPD: Lebon Lee	TITLE: USB CF 16PIN (L=7.35)WITH POST	
.X ± 0.25	CHKD: /	PART NO: W1016P9-A-XX-R	
.XX ± 0.15	DR: Drex	DWG NO: C-W1016P9-A-XX-R	
.XXX±		CUSTOMER DRAWING	
X" ± 2"	UNITS: mm	SCALE: 1:1	SHEET:1OF2
.X" ± 1.5"			REV: X1

THE PART MEETS TECONN "GP001" COMPLIANCE NEW REV.



USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05

X1	TE2017-XXXX	New Drawing	Drex	2017/07/25
REV	ECN NO	DESCRIPTION	DESIGN	DATE

X. ± 0.35	APPD: Lebon Lee	TITLE: USB CF 16PIN (L=7.35)WITH POST	
.X ± 0.25	CHKD: /	PART NO: W1016P9-A-XX-R	
.XX ± 0.15	DR: Drex	DWG NO: C-W1016P9-A-XX-R	
.XXX±		CUSTOMER DRAWING	
X" ± 2"	UNITS: mm	SCALE: 1:1	SHEET:20F2
.X" ± 1.5"			REV: X1