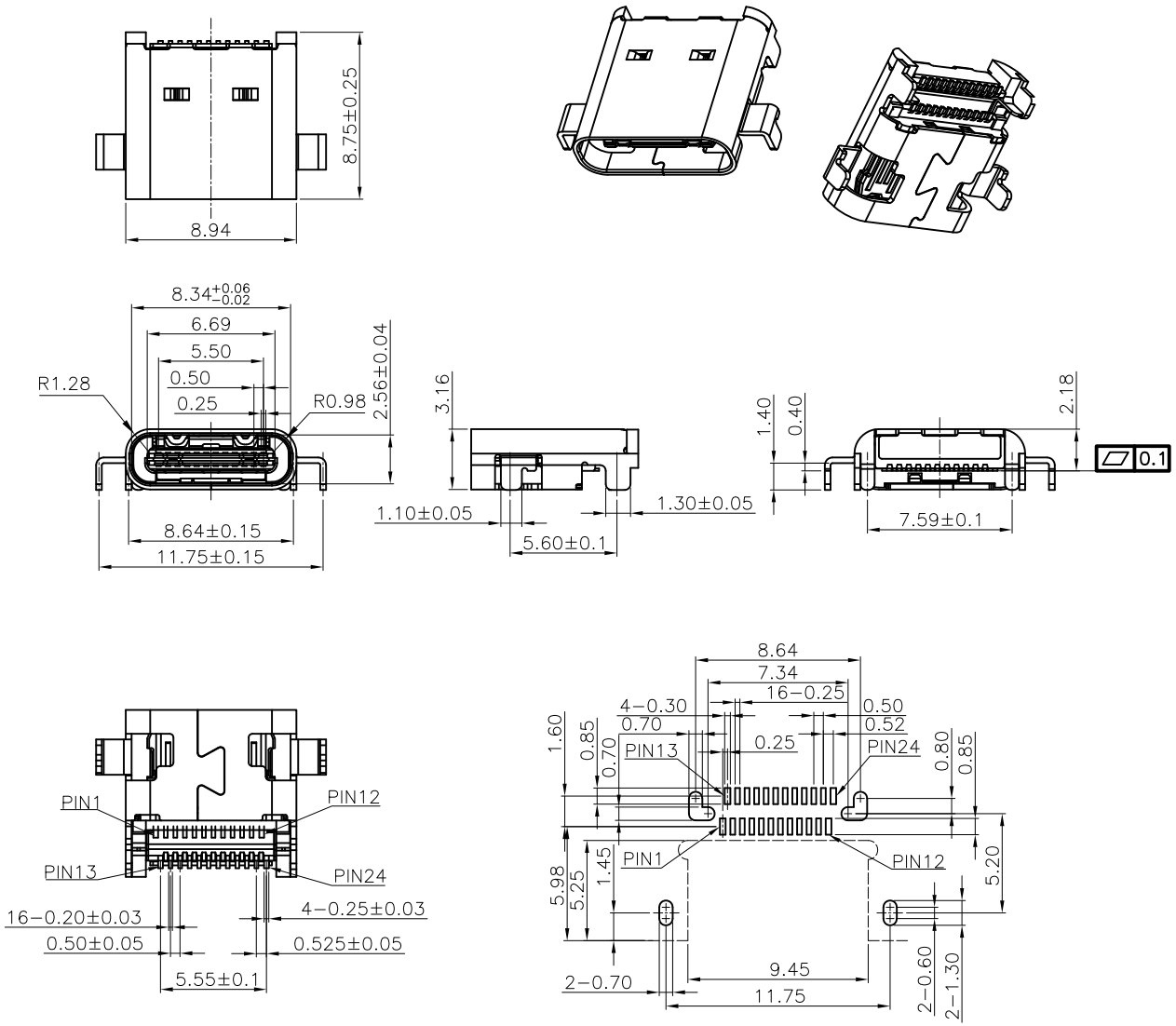
REV.	DESCRIPTION	DATE
A	RELEASE	Dec.07, 2016



RECOMMEND PCB LAYOUT
TOLERANCE: ±0.05
TOP VIEW

MATERIALS

1. HOUSING : LCP 30%GF, BLACK.
2. TERMINAL : COPPER ALLOY,
   PLATING : GOLD PLATED ON CONTACT AREA,TIN PLATED ON SOLDER TAILS.
3. SHELL : STEEL,
   PLATING : NICKEL PLATED OVERALL.

SPECIFICATION

1. CURRENT RATING : 5A FOR VBUS PIN; 1.25A FOR VCONN PIN.
2. DIELECTRIC WITHSTANDING VOLTAGE : 100V AC R.M.S. FOR 1 MINUTE.
3. INSULATION RESISTANCE : 100MΩ MIN.AT 500V DC.
4. CONTACT RESISTANCE : 40mΩ MAX.
5. OPERATING TEMPERATURE : −55°C TO +85°C.
6. DURABILITY : 10000 CYCLES.
7. INSERTION FORCE : 5N~20N.
8. WITHDRAWAL FORCE: 8N~20N.

PART NUMBER INFORMATION :

239F324-XN007D-H

- 239: SERIES CODE
- F: FEMALE TYPE
- 324: NUMBER OF POSITIONS
- XN: PLATING SEE TABLE
- 007: FOLLOW NUMBER
- D: H:HALOGEN FREE

DESCRIPTION OF PLATING ON TERMINALS			
NO.	EXPLAIN	NO.	EXPLAIN
0	GOLD FLASH	3	GOLD 15u"
6	GOLD 30u"		

TOLERANCE .0=±0.25 .00=±0.15 .000=±0.05 ANG.=±3°	DRAWER: DUAN CHECK: STONY APP'D: STONY	Astron ASTRON TECHNOLOGY CORP.
UNITS : mm	PRODUCT SPEC.: —	NAME: USB TYPE C 3.1 FEMALE SMT MID−MOUNT CONNECTOR (SHORT)
SCALE: NONE / SIZE: A7	SHEET: 1 OF 1 / REV.: A	DRAW NO.: R239F324−XN007D−H

DRAWING NAME:R