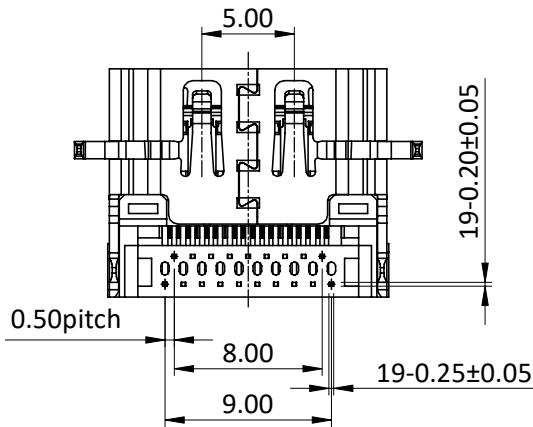
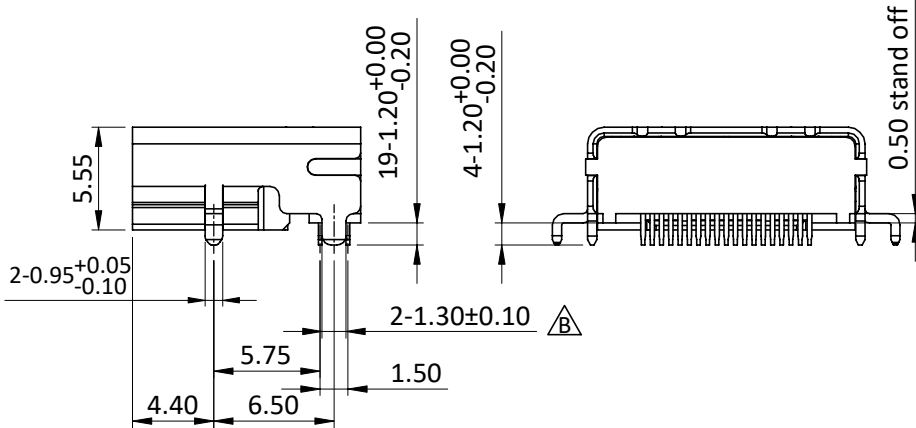
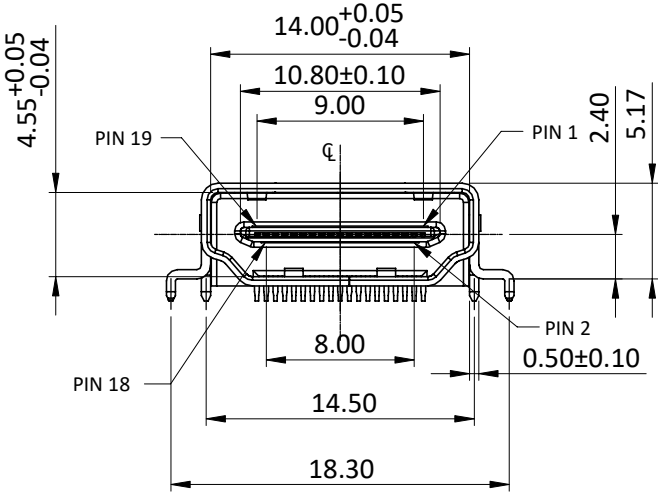
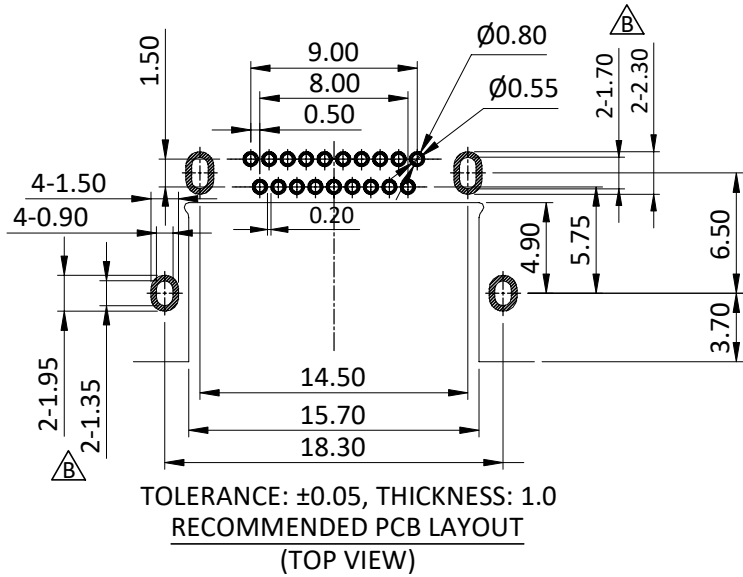
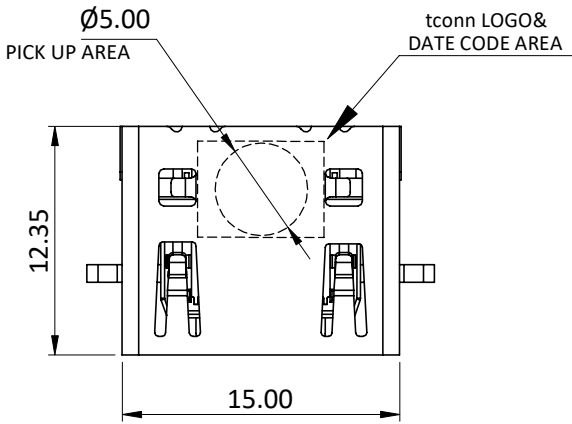


3D VIEW

NOTE:

1. MATERIAL:
1-1 HOUSING:LCP WITH 30% G/F UL 94V-0 COLOR:BLACK.
1-2 TERMINAL:COPPER ALLOY C2680 T=0.20mm.
1-3 SHELL:STAINLESS STEEL SUS304 T=0.50mm.
2. FINISH:
2-1 TERMINAL:GOLD (SEE TABLE) PLATED ON CONTACT AREA AND 2.54um [100u"] MIN. MATTE-TIN ON SOLDER TAIL,WITH ENTIRE CONTACT UNDERPLATED 1.27um [50u"] MIN.NICKEL.
2-2 SHELL:1.27um [50u"] MIN. NICKEL PLATED.
3. ELECTRICAL CHARACTERISTICS:
3-1 CURRENT RATING: 0.5A PER CONTACT MINIMUM.
3-2 VOLTAGE RATING: 40V AC(RMS).
3-3 CONTACT RESISTANCE: INITIAL CONTACE RESISTANCE
3-4 EXCLUDING CONDUCTOR RESISTANCE:10 MILLIOHMS MAX.
3-5 INSULATION RESISTANCE: 100 MEGAOHMS MIN.(UNMATED)
10 MEGAOHMS MIN.(MATED)
4. DIELECTRIC WITHSTANDING VOLTAGE:
4-1 UNMATED CONNECTORS APPLY 500V AC
4-2 MATED CONNECTOR APPLY 300V AC
5. MECHANICAL CHARACTERISTICS:
5-1 MATING FORCE: 44.1N MAX.
5-2 UNMATING FORCE: 9.8N~39.2N.
5-3 DURABILITY: 10000 CYCLES.
6. OPERATING TEMPERATURES: -25°C TO +85°C.
- 7.RESISTANCE TO REFLOW SOLDERING HEAT: 260°+0/-5°,5s.
- 8.SALT SPRAY 48HR PASS.

RoHS2+HF	30u"	16-A5140-6A03-A
	15u"	16-A5140-5A03-A
	10u"	16-A5140-3A03-A
	G/F	16-A5140-1A03-A
GP TYPE	PLATING Au THICKNESS	PART NUMBER

TOLERANCES UNLESS OTHERWISE SPECIFIED							TITLE HDMI 2.1 A TYPE 19PIN H=5.55mm CH=2.4mm REC STD DIP TYPE			UNIT mm
X. ±0.50 X.X ±0.30 X.XX ±0.20 X.XXX ±0.15 ANGEL ±3°							ORIGINAL DATA			
							01-20'22			
MATERIAL							DWN. Luke	PART NO.	SCALE	SIZE
SEE TABLE							CHK. Jimmy	SEE TABLE	1:1	A3
FINISH							APVD. Kevin	DWG. NO.	SHEET	REV.
SEE NOTE								C-16-A514X	1 OF 2	B

