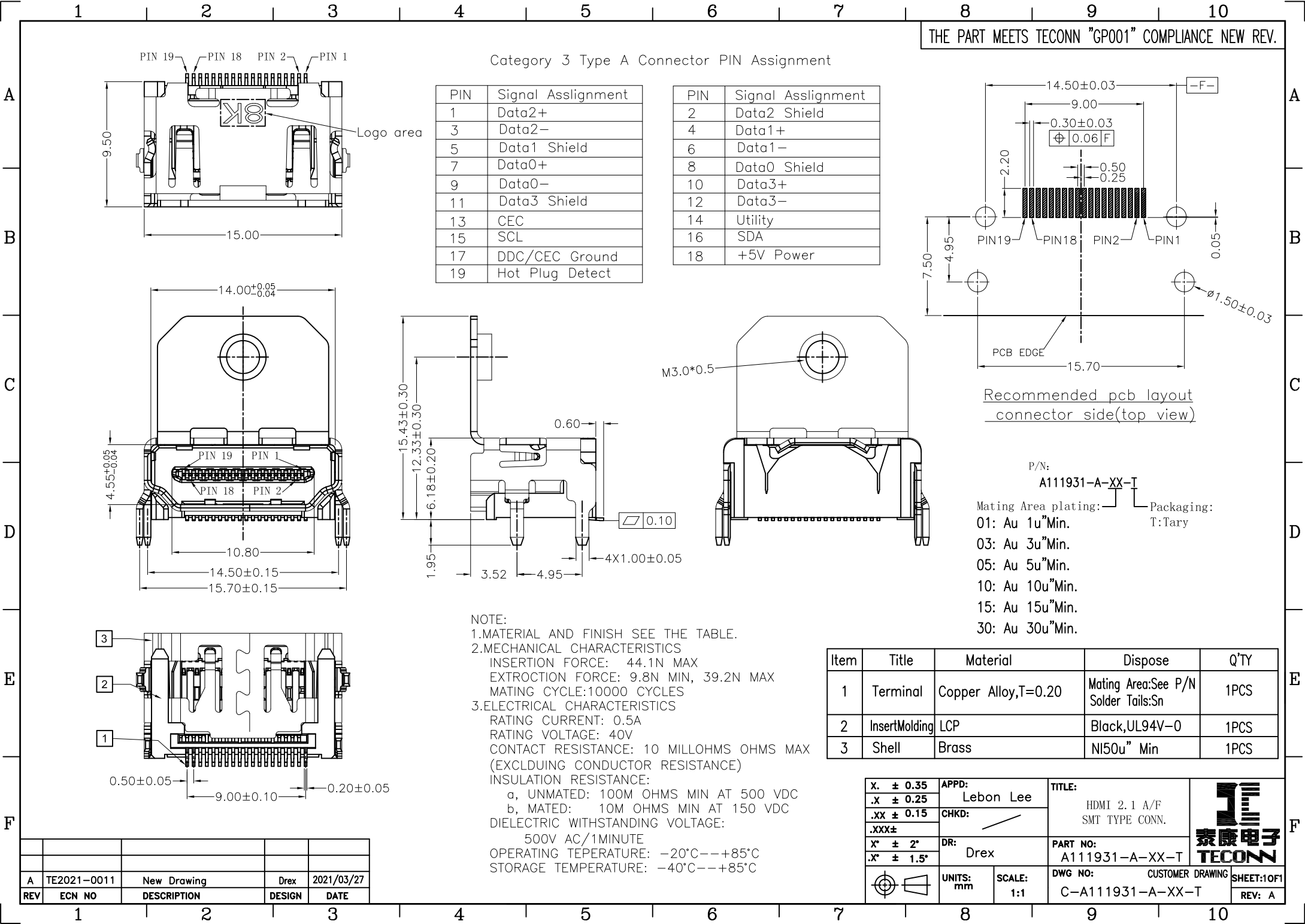


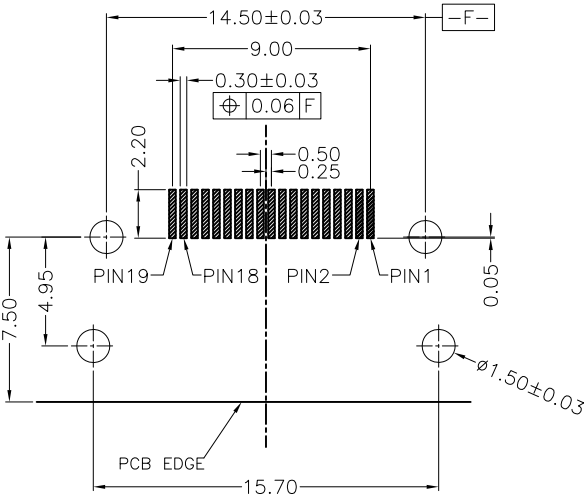


THE PART MEETS TECONN "GP001" COMPLIANCE NEW REV.

Category 3 Type A Connector PIN Assignment

PIN	Signal Asslignment
1	Data2+
3	Data2-
5	Data1 Shield
7	Data0+
9	Data0-
11	Data3 Shield
13	CEC
15	SCL
17	DDC/CEC Ground
19	Hot Plug Detect

PIN	Signal Asslignment
2	Data2 Shield
4	Data1+
6	Data1-
8	Data0 Shield
10	Data3+
12	Data3-
14	Utility
16	SDA
18	+5V Power



Recommended pcb layout
connector side(top view)

P/N:
A111931-A-XX-T
Mating Area plating: 01: Au 1u"Min.
03: Au 3u"Min.
05: Au 5u"Min.
10: Au 10u"Min.
15: Au 15u"Min.
30: Au 30u"Min.
Packaging: T:Tary

NOTE:
1.MATERIAL AND FINISH SEE THE TABLE.
2.MECHANICAL CHARACTERISTICS
INSERTION FORCE: 44.1N MAX
EXTROCTION FORCE: 9.8N MIN, 39.2N MAX
MATING CYCLE:10000 CYCLES
3.ELECTRICAL CHARACTERISTICS
RATING CURRENT: 0.5A
RATING VOLTAGE: 40V
CONTACT RESISTANCE: 10 MILLOHMS OHMS MAX (EXCLDUING CONDUCTOR RESISTANCE)
INSULATION RESISTANCE:
a, UNMATED: 100M OHMS MIN AT 500 VDC
b, MATED: 10M OHMS MIN AT 150 VDC
DIELECTRIC WITHSTANDING VOLTAGE:
500V AC/1MINUTE
OPERATING TEMPERATURE: -20°C--+85°C
STORAGE TEMPERATURE: -40°C--+85°C

Item	Title	Material	Dispose	Q'TY
1	Terminal	Copper Alloy,T=0.20	Mating Area:See P/N Solder Tails:Sn	1PCS
2	InsertMolding	LCP	Black,UL94V-0	1PCS
3	Shell	Brass	NI50u" Min	1PCS

X. ± 0.35	APPD:		TITLE:	 泰康电子 TECONN
.X ± 0.25	Lebon Lee			
.XX ± 0.15	CHKD:			
.XXX±				
X" ± 2"	DR:		PART NO:	
.X" ± 1.5"	Drex	A111931-A-XX-T		
	UNITS:	SCALE:	DWG NO:	CUSTOMER DRAWING
	mm	1:1	C-A111931-A-XX-T	
				REV: A

A	TE2021-0011	New Drawing	Drex	2021/03/27
REV	ECN NO	DESCRIPTION	DESIGN	DATE