

THE PART MEETS TECONN "GP001" COMPLIANCE NEW REV.

P/N:
A121916-X-XX-T

Shell Plating
B: Ni 50u" Min
C: Au G/F

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.

Item	Title	Material	Dispose	Q'TY
1	Terminal(9P)	Copper Alloy,T=0.20	Mating Area:See P/N Solder Tails:Sn	9PCS
2	Terminal(10P)			10PCS
3	InsertMolding(9P)	LCP	Black,UL94V-0	1PCS
4	InsertMolding(10P)			1PCS
5	Housing	LCP	Black,UL94V-0	1PCS
6	Shell	SPCC,T=0.30	See P/N	1PCS
7	Tin Line	ø0.60mm	Without Pb	

Notes:

1.Material and finish see the table.

2.Mechanical Characteristics

Insertion Force:44.1 N Max.

Extraction Force:9.8 N Min., 39.2N Max.

Durability:10000 cycles

3.Electrical Characteristics

Rating Voltage/Rating Current: 40V(AC/DC)/0.5A

Contact Resistance:10 millohms ohms Max.

Insulation Resistance:

Unmated: 100M ohms Min. at 500 VDC

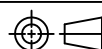
Mated: 10M ohms Min. at 150 VDC

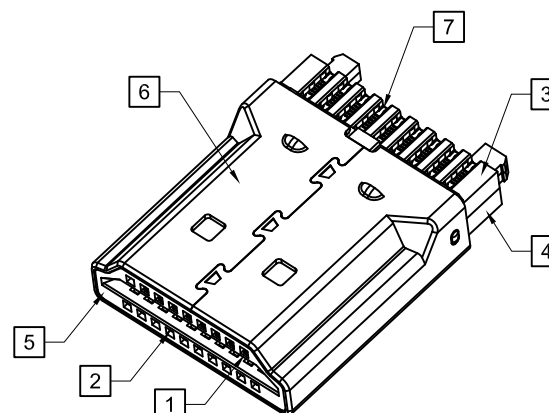
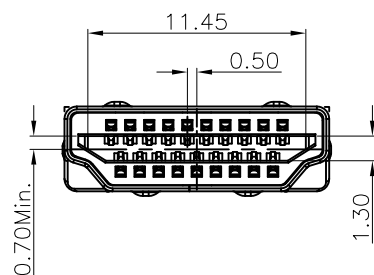
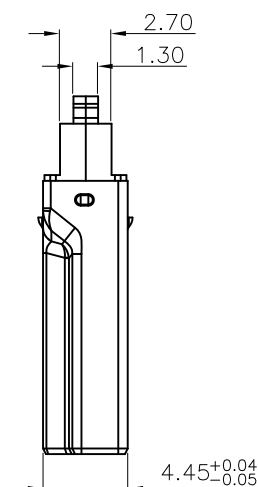
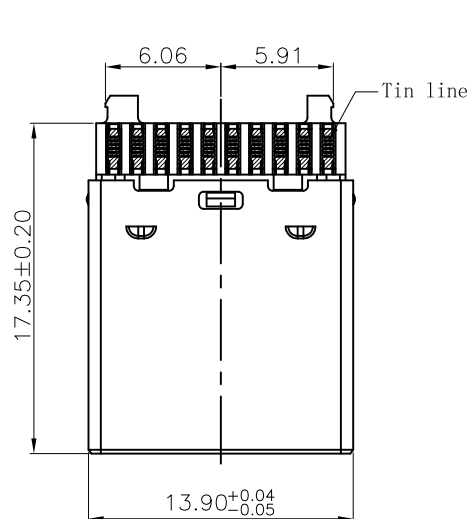
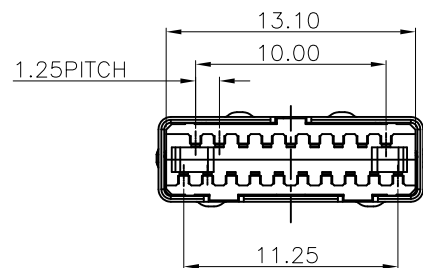
Dielectric Withstanding Voltage: 500VAC/1minute

4.Temperature

Operating Temperature Range:-20°C to +85°C.

Storage Temperature Range: -40°C to +85°C.

X. ± 0.35	APPD:	Lebon Lee	TITLE:	HDMI 2.1 A/M CONN.	
.X ± 0.25	CHKD:				
.XX ± 0.15	DR:	Drex	PART NO:	A121916-X-XX-T	CUSTOMER DRAWING
.XXX±					
X* ± 2"	UNITS:	mm	DWG NO:	C-A121916-X-XX-T	SHEET:10F2
.X* ± 1.5"					
	SCALE:	1:1	REV: A		



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