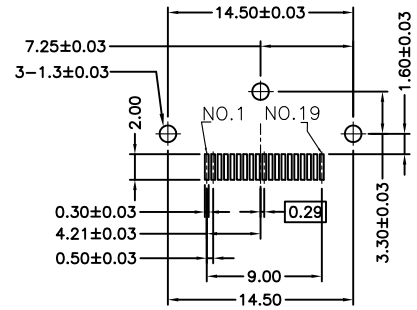
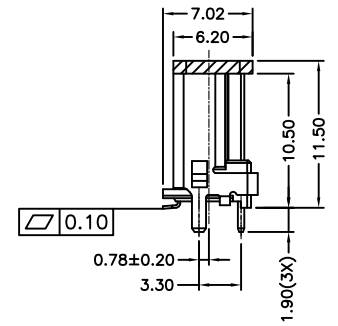
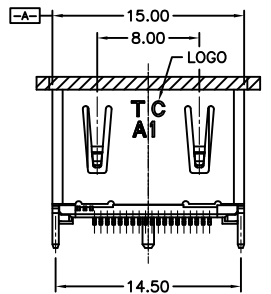
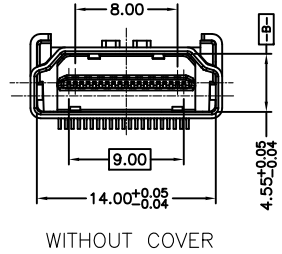
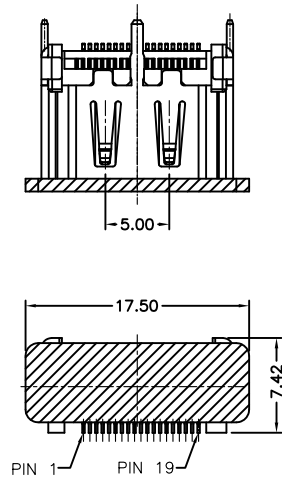


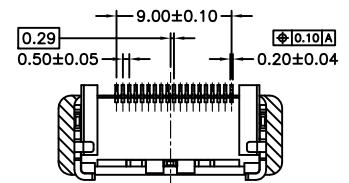
THE PART MEETS TECONN "GPO01" COMPLIANCE

NOTE:

- 1.MATERIAL:
  - HOUSING : HIGH TEMP.THERMOPLASTIC, UL 94V-0
  - COLOR: BLACK.
  - CONTACT: COPPER ALLOY, THICKNESS =0.20MM
  - SHIELD: COPPER ALLOY, THICKNESS=0.50MM
- 2.FINISH:
  - CONTACT: GOLD PLATING ON CONTACT AREA SEE NOTE
  - 80u"MIN ,MATTE TIN PLATED ON SOLDER TAILS
  - 50u" MIN. NICKEL UNDER PLATED OVER ALL
  - SHIELD: 50u" MIN. NICKEL PLATED OVER ALL
- 3.MECHANICAL CHARACTERISTICS
  - INSERTION FORCE: 44.1N MAX
  - EXTROCTION FORCE: 9.8N MIN, 39.2N MAX
  - MATING CYCLE:10000 CYCLES
- 4.ELECTRICAL CHARACTERISTICS
  - RATING CURRENT: 0.5A
  - RATING VOLTAGE: 40V
  - CONTACT RESISTANCE: 10 MILLOHMS OHMS MAX (EXCLUDING CONDUCTOR RESISTANCE)
  - INSULATION RESISTANCE:
    - a, UNMATED: 100M OHMS MIN AT 500 VDC
    - b, MATED: 10M OHMS MIN AT 150 VDC
  - DIELECTRIC WITHSTANDING VOLTAGE: 300V AC/1MINUTE
  - OPERATING TEMPERATURE: -20°C-- +85°C
  - STORAGE TEMPERATURE: -20°C-- +65°C




RECOMMENDED PCB LAYOUT  
TOP VIEW( T=1.60mm)



PART NO:

A111974-\*-\*-\*-\*

- PACKING
- T: TRAY
- R: TAPE & REEL
- CONTACT AREA PLATING
- LOGO:
  - 1: WITH "TC" LOGO
  - 2: WITHOUT LOGO.
- 01: Au 1u"
  - 03: Au 3u"
  - 05: Au 5u"
  - 10: Au 10u"
  - 15: Au 15u"
  - 30: Au 30u"

04	CAP	H111994-A-A	LCP	BLACK	1
03	CONNECT	T111974-4-XX-A	C2680 T=0.20	GOLD PLATING ON CONTACT AREA SEE PART NO. 80u"MIN MATTE TIN PLATED ON SOLDER TAILS 50u" MIN. NICKEL UNDER PLATED OVER ALL	1SET
02	SHELL	K111974-1(2)-0N-A	C2680 T=0.50	Ni 50u" Min	1
01	MOLDING	B111974-1-XX-A	LCP	BLACK	1
NO.	NAME	PART NO.	MATERIAL	PLATING/COLOR	Q' TY
X.	±	APPD:	TITLE:		 泰康电子 TECONN
.X	± 0.30	CHKD:	HDMI A/F 19P 180° SMT (INSERTMOLDING)		
.XX	± 0.25	DR:	PART NO:		
.XXX	±		A111974-1(2)-XX-X		
X*	± 3*	UNITS:	SCALE:	DWG NO:	CUSTOMER DRAWING SHEET: 10F 1
.X*	± 2*	mm	NONE	C-A111974-1(2)-XX-X	
				REV: A	

REV	ECN NO	DESCRIPTION	DATE
A	TE2010-764	NEW RELEASE	2010-08-25