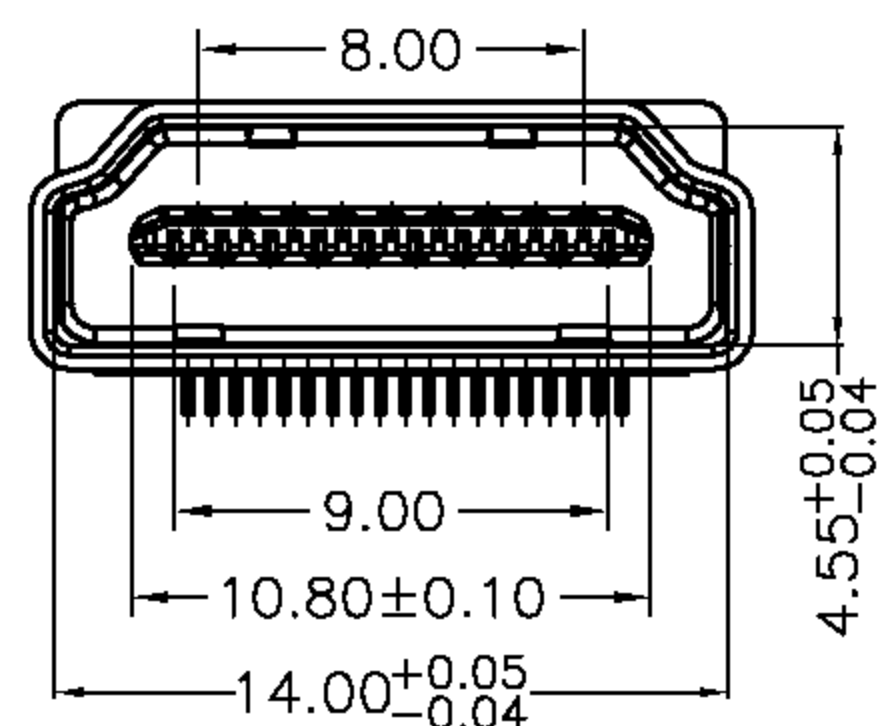
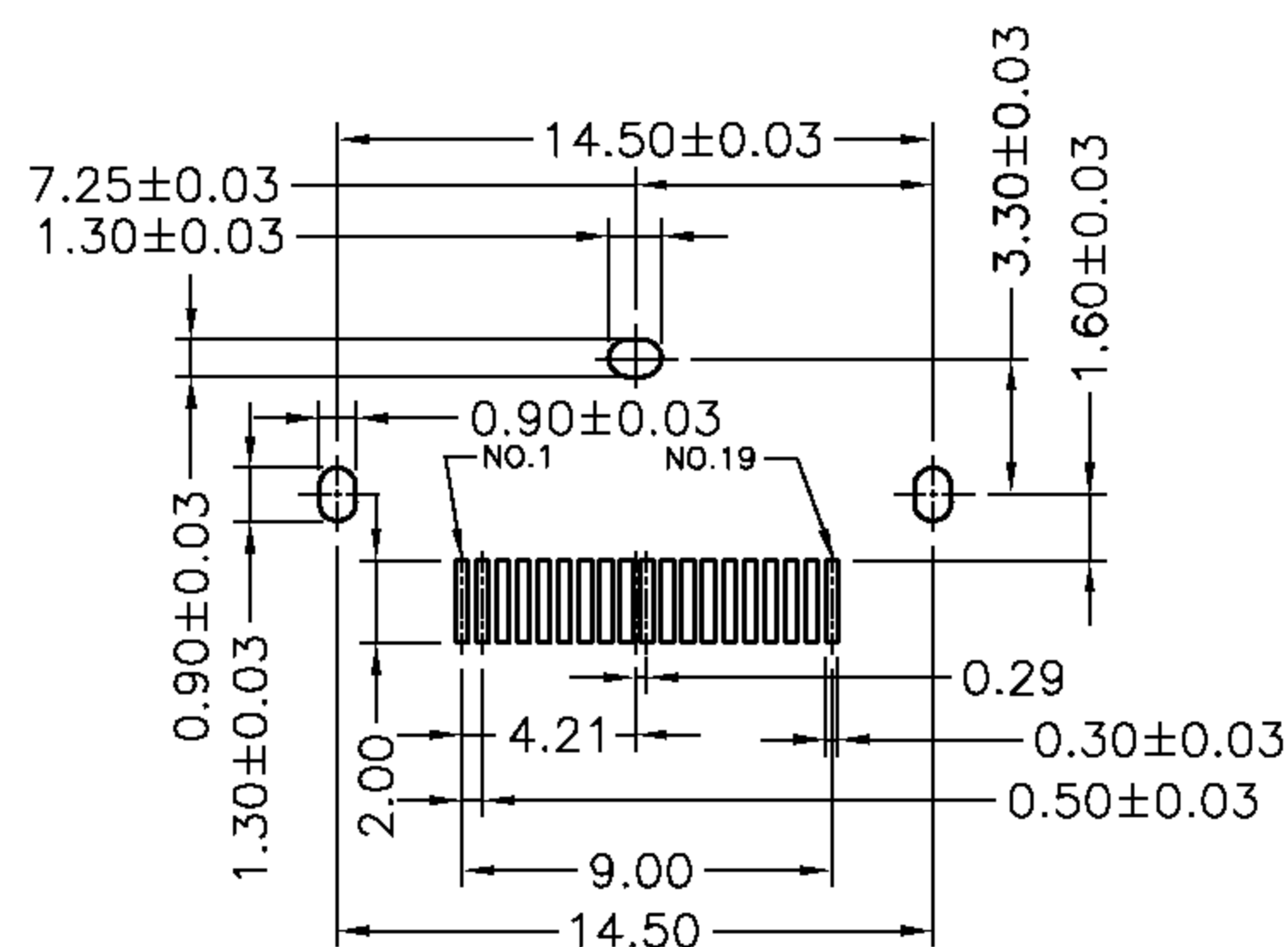
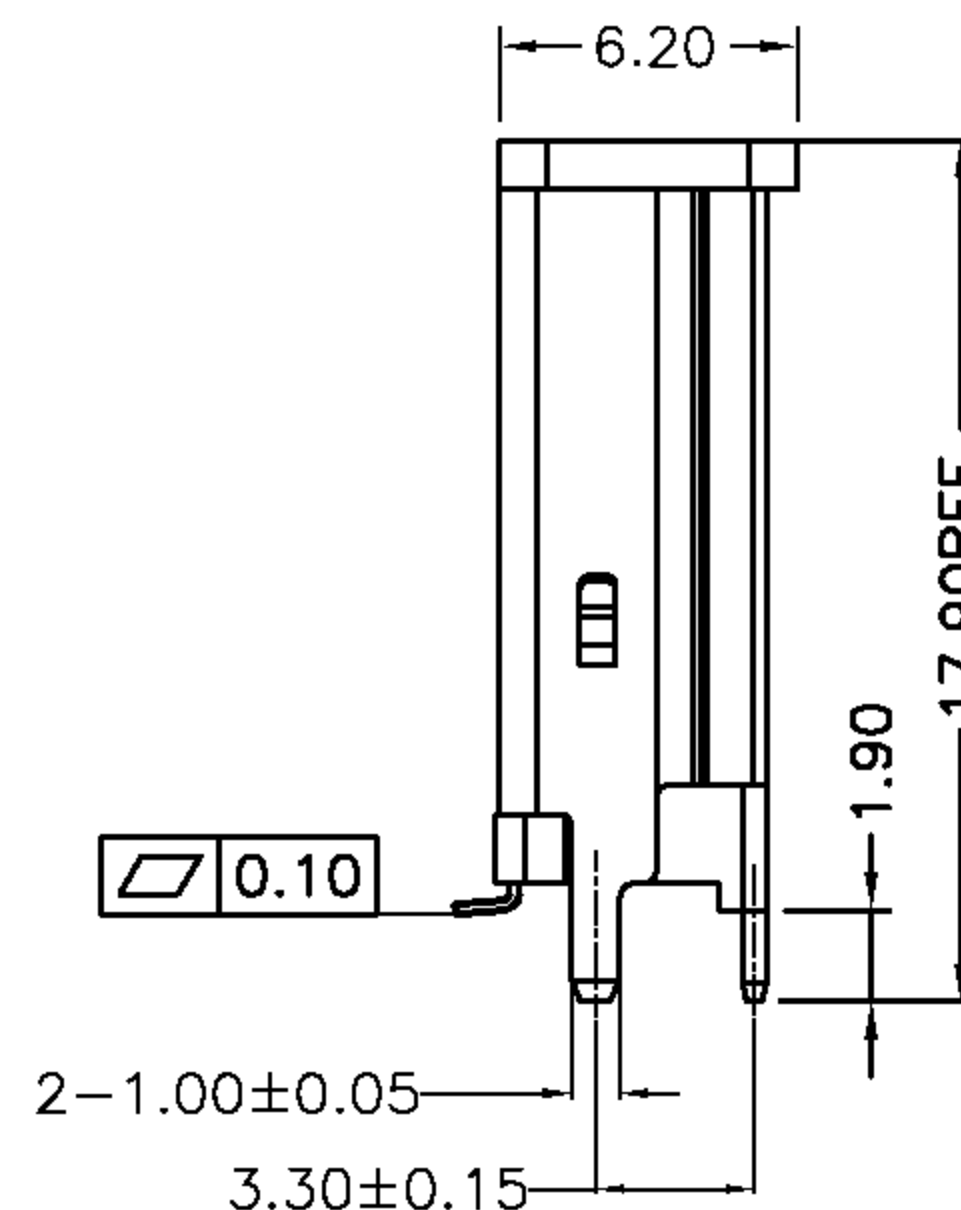
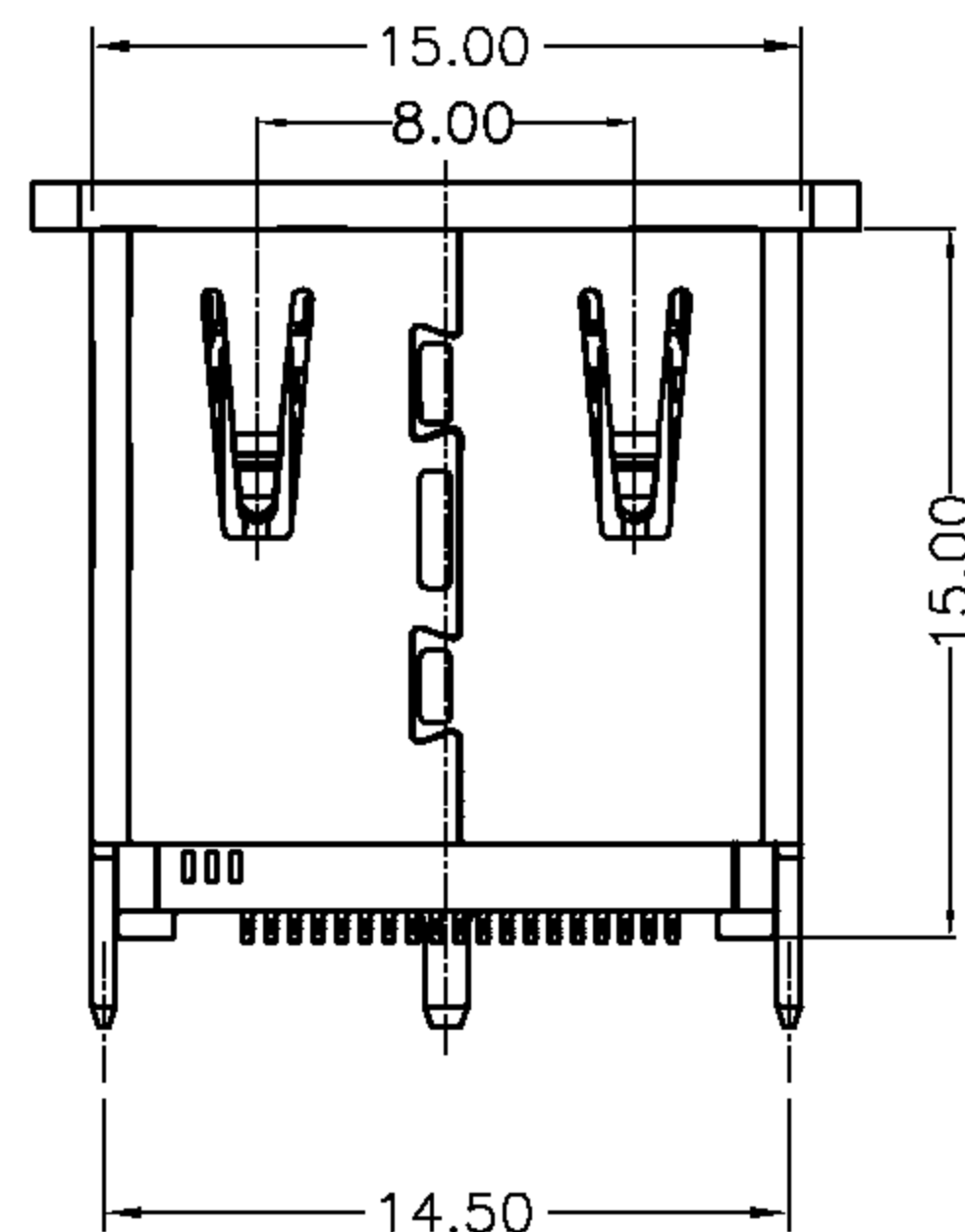
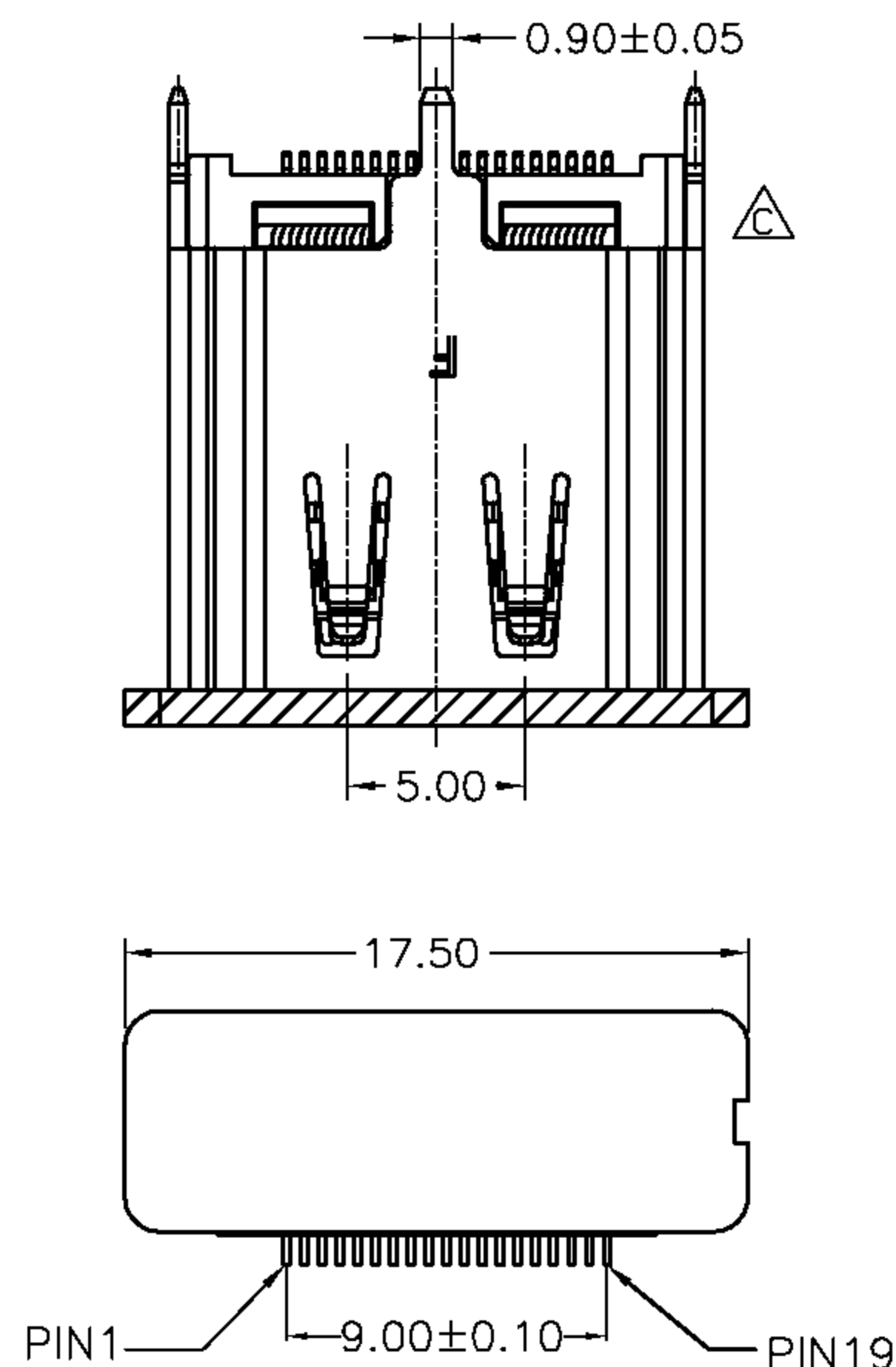


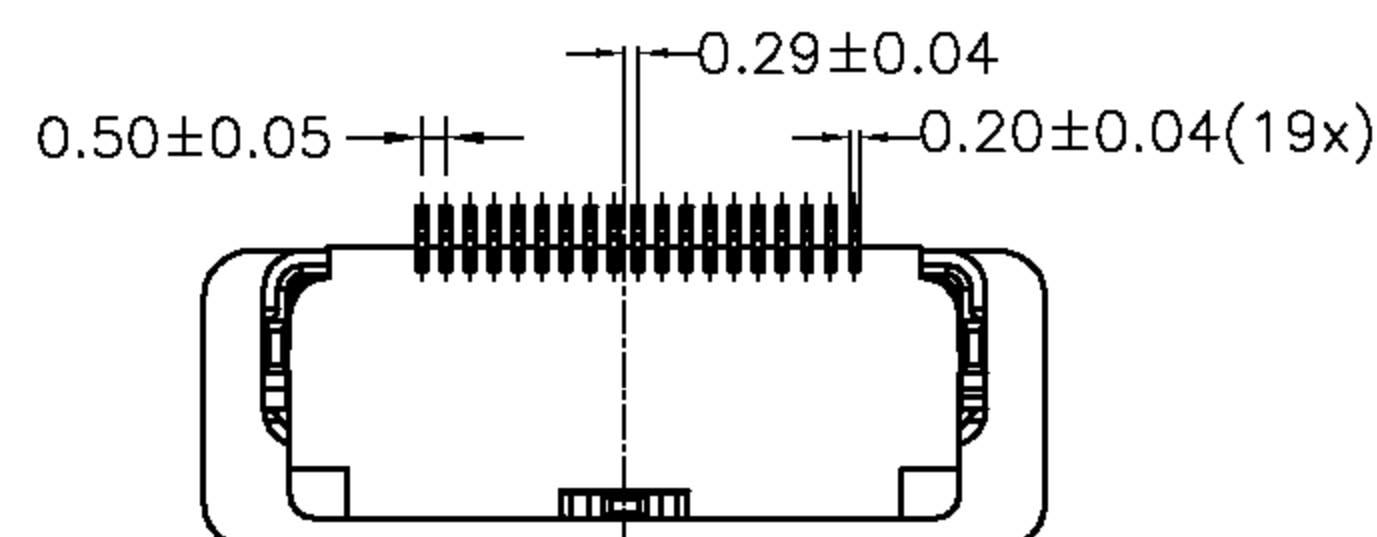
Micro-Ray



WITHOUT COVER



RECOMMENDED PCB LAYOUT(T=1.60mm)
TOP VIEW



NOTE:

- 1.MATERIAL:**
HOUSING AND BRACKET: 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
G/F 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 MILLIOHMS 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

PART NO. INFORMATION

MR-A111947-F-XX-X		
SERIES	11:HDMI-A/F	PACKING TYPE
NUMBER OF POS.	19	T: TRAY
FOLLOW NO.	47	R: TAPE REEL
DIFFERENCE TYPE		CONTACT AREA PLATING
		01:Au 1u"
		03:Au 3u"
		05:Au 5u"
		10:Au 10u"
		15:Au 15u"

Item	Title	Material	Dispose	Remark
1	Terminal	Copper Alloy	Mating Area:See P/N Solder Tails:Sn	t=0.20
2	Molding	LCP	UL94V-0	Black
3	Shell	Copper Alloy	Ni:50u" Min.	t=0.50
4	CAP	LCP	UL94V-0	Black

X. ± 0.35	HDMI-A/F 180° SMT H=15/19PIN 1.90 (INSERTMOLDING)	Micro-Ray	
.X ± 0.25			
.XX ± 0.15			
.XXX±			
X° ± 2°	DR: Cola Lee	PART NO: MR-A111947-F-XX-X	
.X° ± 1.5°		DWG NO: CUSTOMER DRAWING	
	UNITS: mm	SCALE: 1:1	SHEET:10F1
			REV: C

C	TE2018-0094	更新视图	Cola	2018/08/17
B	TE2011-0376	修正料号		2011/07/21
A	TE2010-0628	NEW RELEASE		2011/11/08
REV	ECN NO	DESCRIPTION	DESIGN	DATE