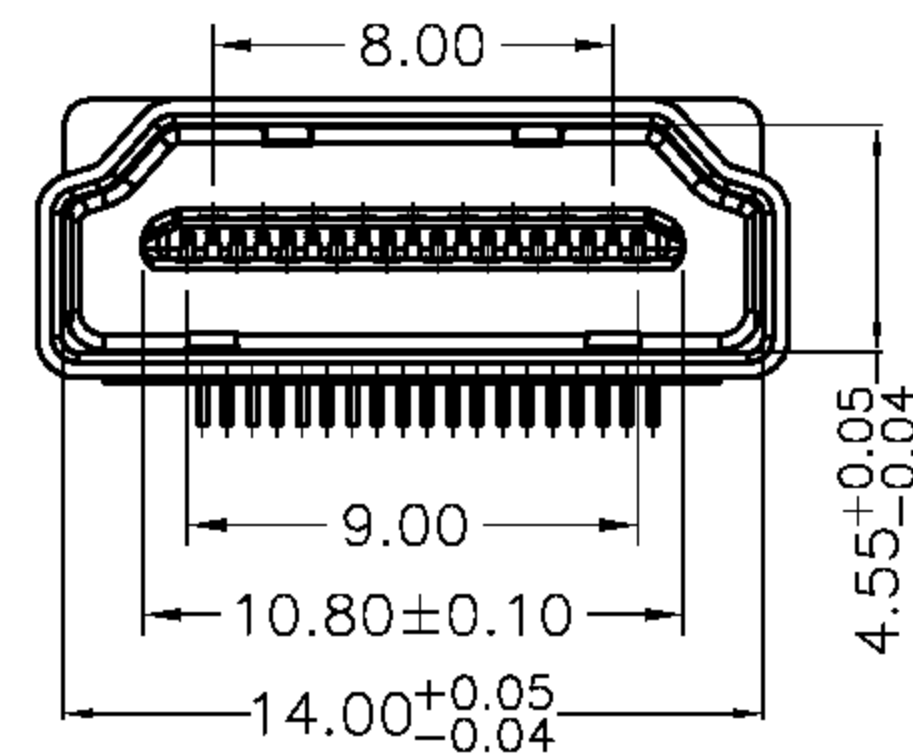
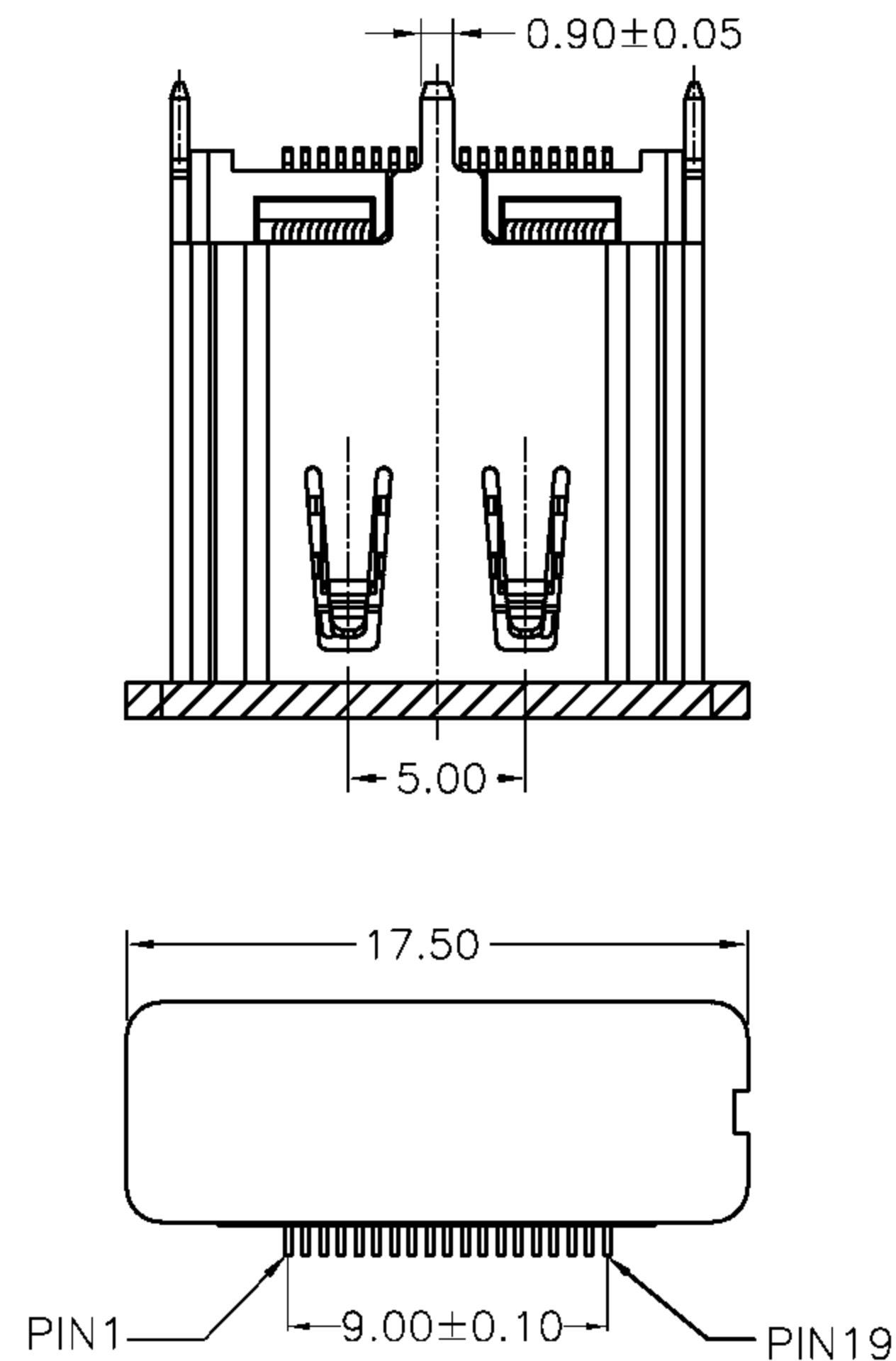


Micro-Ray



WITHOUT COVER



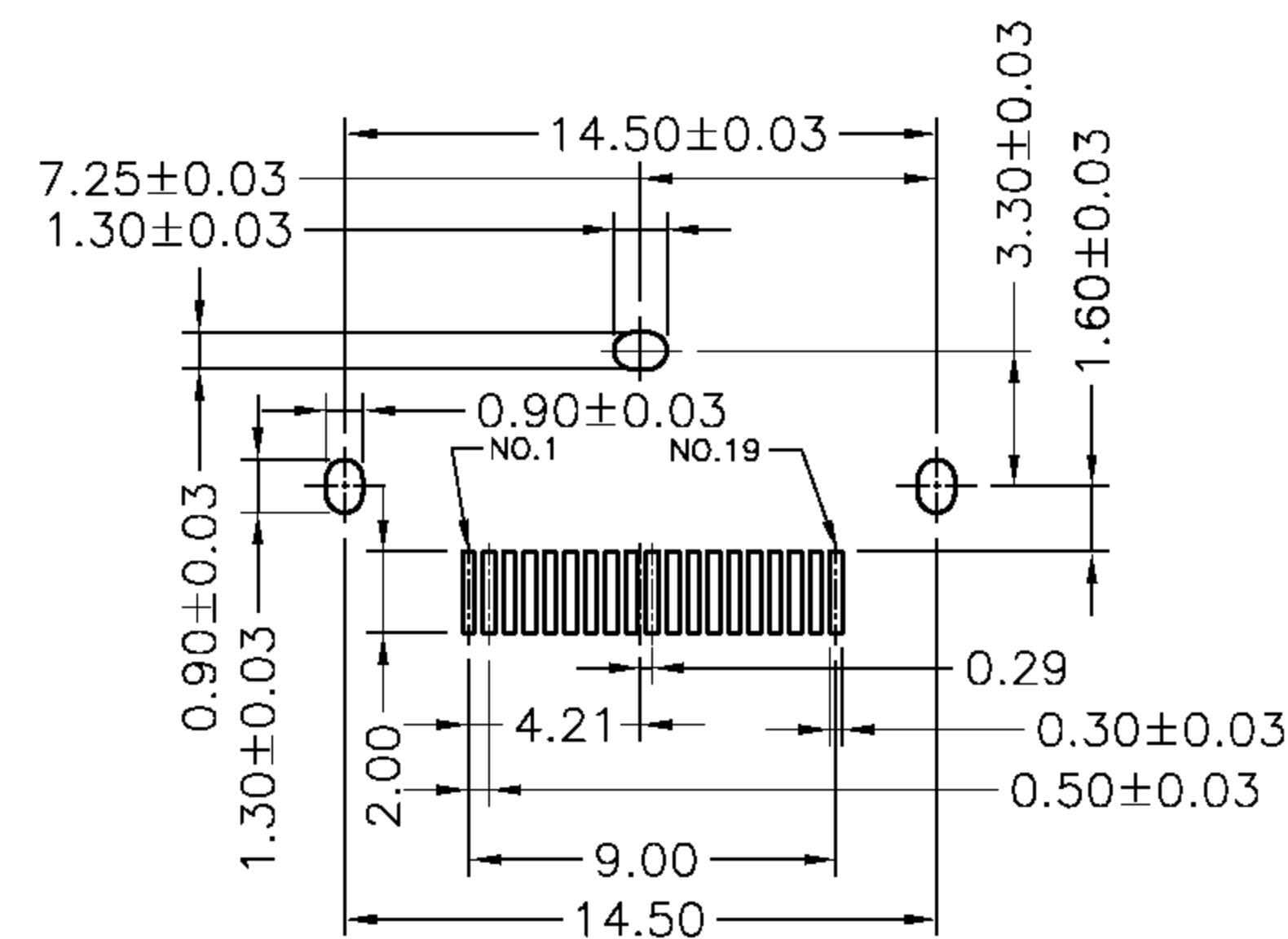
- NOTE:
- MATERIAL:
HOUSING AND BRACKET: HIGH TEMP.THERMOPLASTIC, UL 94V-0
COLOR: BLACK.
CONTACT: COPPER ALLOY, THICKNESS=0.20MM
SHIELD: COPPER ALLOY, THICKNESS=0.50MM
 - FINISH:
CONTACT: GOLD PLATING ON CONTACT AREA SEE NOTE
G/F PLATED ON SOLDER TAILS
50u" MIN. NICKEL UNDER PLATED OVER ALL
SHIELD: 50u" MIN. NICKEL PLATED OVER ALL
 - MECHANICAL CHARACTERISTICS
INSERTION FORCE: 44.1N MAX
EXTROCTION FORCE: 9.8N MIN, 39.2N MAX
MATING CYCLE:10000 CYCLES
 - 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 TEPERATURE: -20° C--+85° C
STORAGE TEMPERATURE: -20° C--+65° C

PART NO. INFORMATION

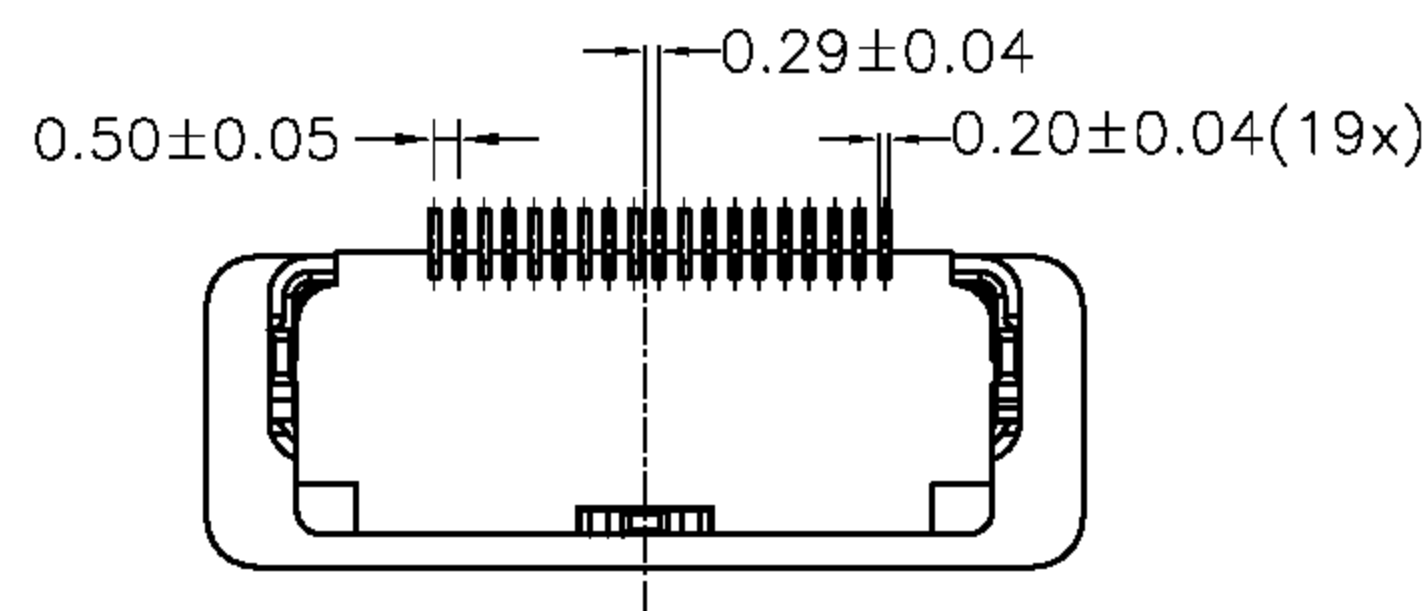
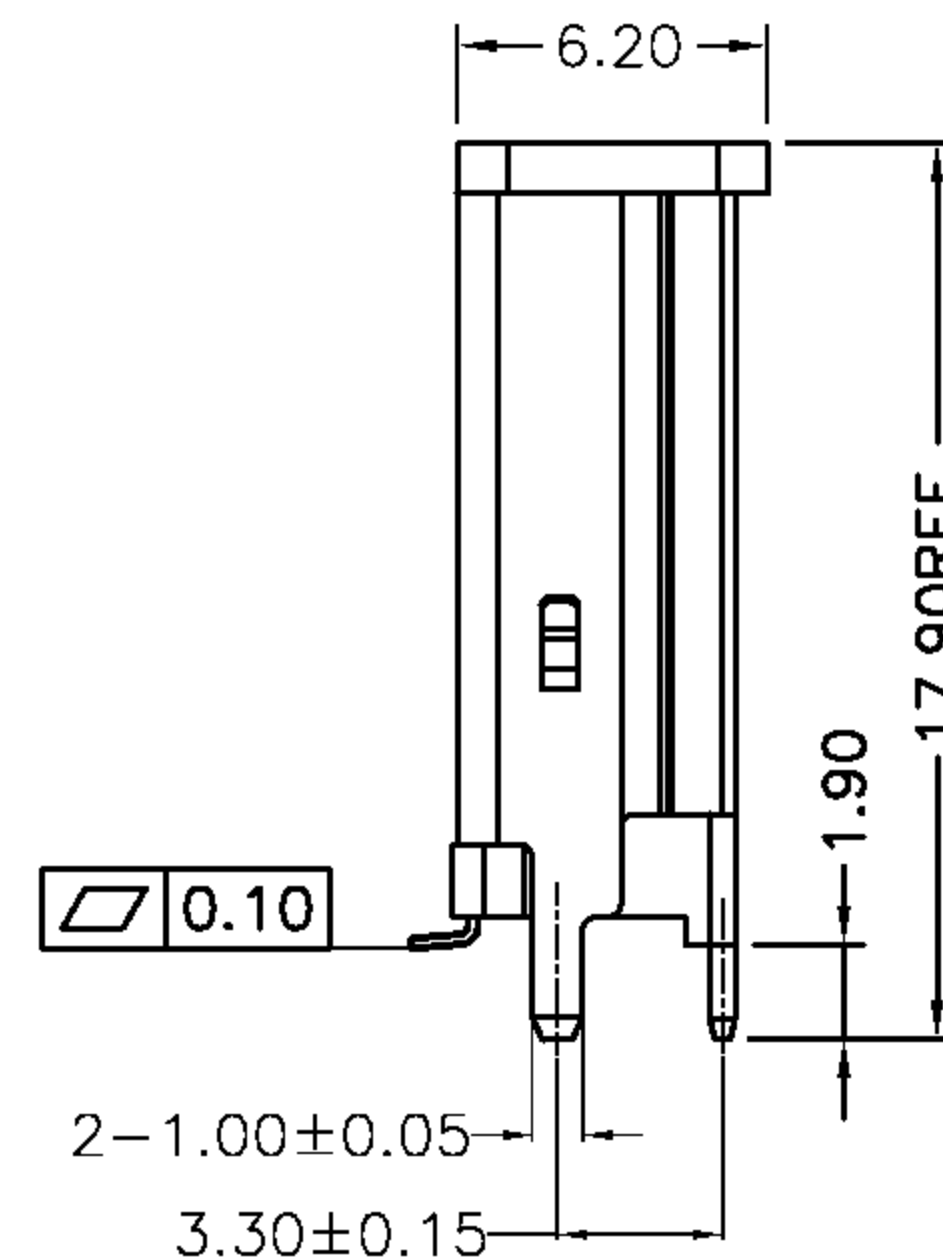
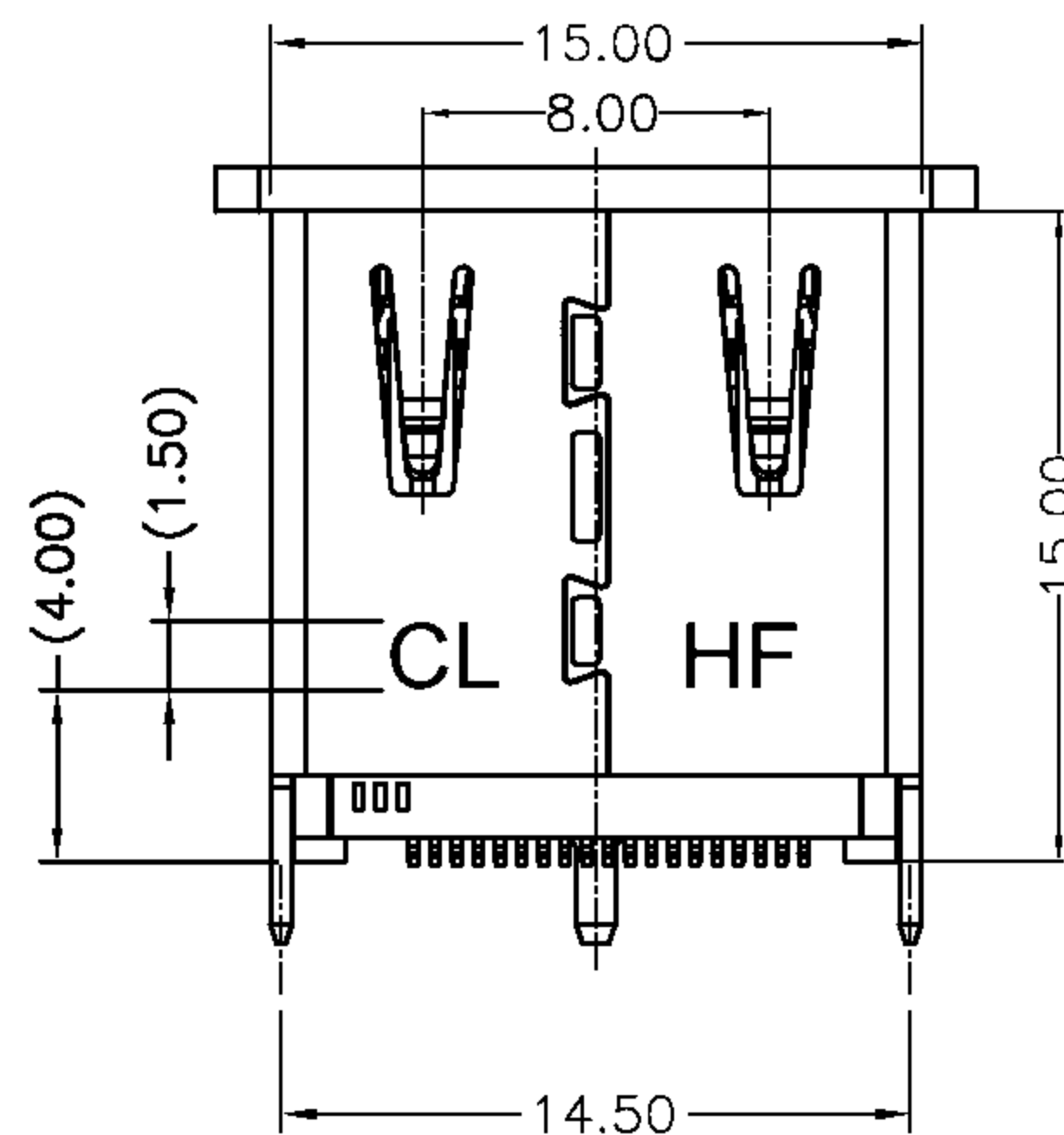
MR-A111947-A-XX-X

SERIES
11:HDMI-A/F
NUMBER OF POS.
19
FOLLOW NO.
47
DIFFERENCE TYPE

PACKING TYPE
T: TRAY
R: TAPE REEL
CONTACT AREA PLATING
01: Au 1u"
03: Au 3u"
05: Au 5u"
10: Au 10u"
15: Au 15u"



RECOMMENDED PCB LAYOUT(T=1.60mm)
TOP VIEW



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/脚长1.90 (INSERTMOLDING)		Micro-Ray	
.X ± 0.25				
.XX ± 0.15				
.XXX±				
X° ± 2°	DR: Cola Lee		PART NO: MR-A111947-A-XX-X	
.X° ± 1.5°				
	UNITS: mm	SCALE: 1:1	DWG NO: C-A111947-A-XX-X CUSTOMER DRAWING SHEET:10F1 REV: A	

REV	ECN NO	DESCRIPTION	DESIGN	DATE
A	TE2019-0184	NEW RELEASE	李小亮	2019/09/04