

Micro-Ray

Note:

- Mechanical characteristics
insertion force: 44.1N max
withdrawal 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 temperature: $-20^{\circ}\text{C}\sim+85^{\circ}\text{C}$
storage temperature: $-20^{\circ}\text{C}\sim+65^{\circ}\text{C}$
- Product is halogen free

MR-A1119C3-L-XX-R

Form
A: ASS'y
series
11: HDMI-A/F
number of POS.: 19
follow NO.: C3
difference type: L

packing type
R: reel
T: tray
contact area plating
01: Au 1u"
03: Au 3u"
05: Au 5u"
10: Au 10u"
15: Au 15u"
30: Au 30u"

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

X. ± 0.35	HDMI-A/F DIP TYPE 2R (WHITE)	Micro-Ray	
.X ± 0.25			
.XX ± 0.15			
.XXX $\pm$			
X' $\pm 2^{\circ}$	DR: Cola Lee	PART NO: MR-A1119C3-L-XX-R	
.X' $\pm 1.5^{\circ}$		DWG NO: CUSTOMER DRAWING C-A1119C3-L-XX-R	
	UNITS: mm	SCALE: 1:1	SHEET: 10F1 REV: B

Recommended pcb layout (top view)
(thickness=1.2 $\pm$ 0.10mm) (tolerance $\pm$ 0.05)

REV	ECN NO	DESCRIPTION	DESIGN	DATE
B	TE2019-0190	Add D/C	Cola Lee	2019/09/10
A	TE2018-0010	New Drawing	Cola Lee	2018/01/25