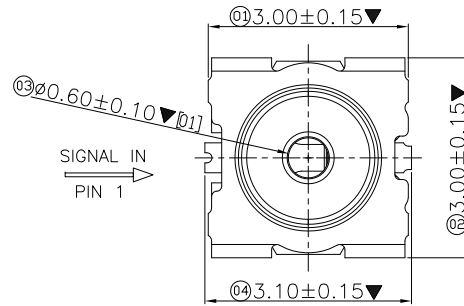
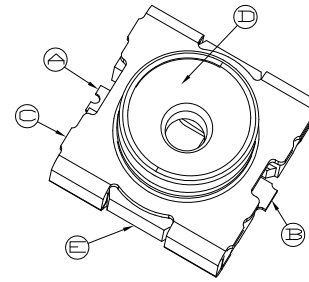


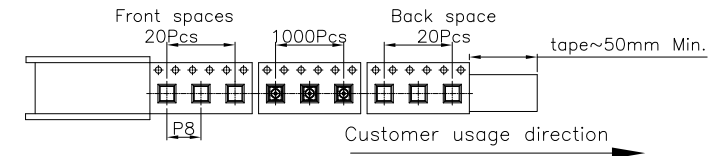
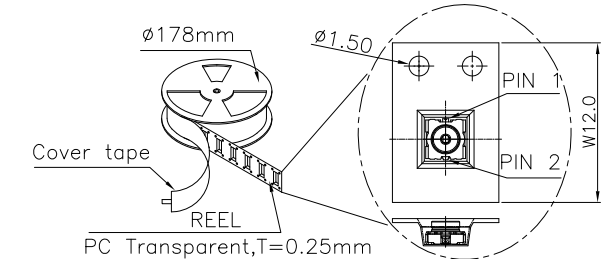
Rev.	ECN Number	Description	Date	Drawn	Checkd	Approved
X1	ECN210509	FIRST RELEASE	02/27'21	Qian	Martin	Ken



SIGNAL OUT
PIN 2

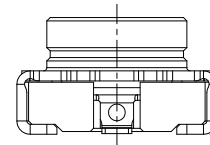
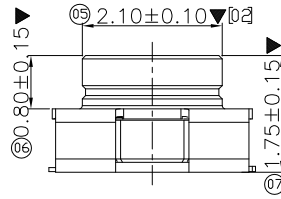
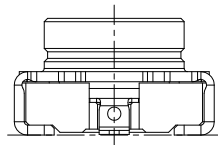


3D VIEW

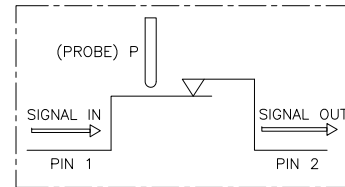


NOTES:

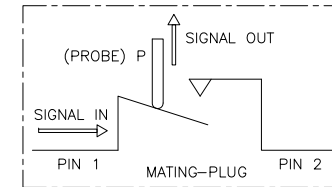
- Power Rating 2W
- Frequency Range DC~11GHz
- Impedance 50Ω
- Operating Temperature -40℃~+85℃
- Insulation Resistance 500MΩ Min.
- Withstanding Voltage 300V AC & 1Minute
- Initial Contact Resistance 120mΩ Max.
(Without Conductor Resistance)
- Voltage Standing Wave Ratio(VSWR):
1.2 max.(DC~3GHz)
1.3 max.(3~6GHz)
1.5 max.(3~11GHz)
- Insertion loss: 0.10dBmax.(DC~3GHz)
0.20dBmax.(3~6GHz)
0.60dBmax.(3~11GHz)
- Isolation: 20 dBmin.(DC~3GHz)
15 dBmin.(3~6GHz)
10 dBmin.(3~11GHz)
- Durability 500 cycles
- Packing tape & reel:1000Pcs/Reel (Φ178mm)
- IR Reflow CYCLE: 2cycles



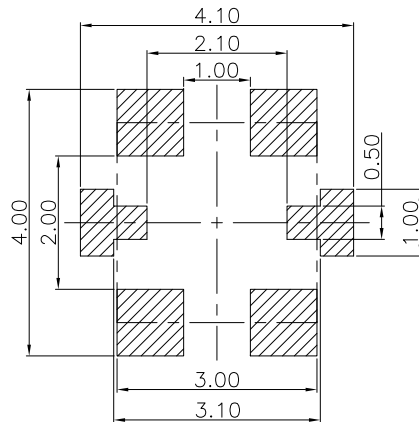
⑧	0.10	Before Reflow
⑨	0.12	After Reflow



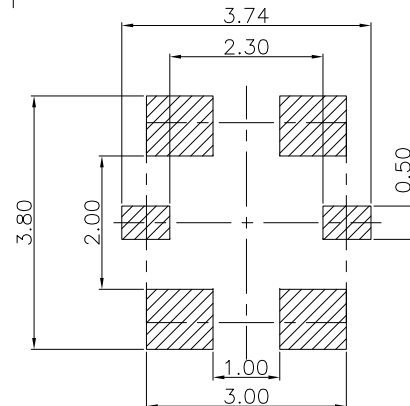
STATE OF CONTACT UNMATED



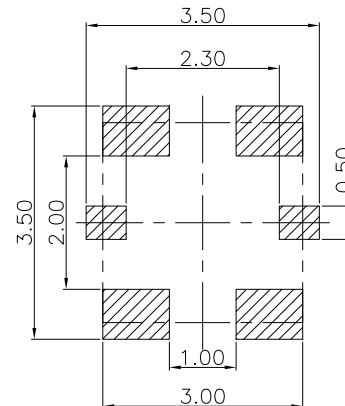
STATE OF CONTACT MATED



Recomed PCB Layout
General Tolerance:±0.05



RECOMMEND METAL MASK
(Mask thickness 0.10mm)



RECOMMEND METAL MASK
(Mask thickness 0.12mm)

ITEM	DESCRIPTION	Q'TY	MATERIAL/FINISH
①	Down Housing	1	LCP UL94V-0/BLACK
②	Top Housing	1	LCP UL94V-0/BLACK
③	Shell (GND)	1	Copper Alloy/Ni:50u" Min,Au:1u" Min;
④	PIN 2(Output)	1	SUS/Ni:50u"Min.Contact aera Au:5u"Min,Solder aera Au:1u" Min
⑤	PIN 1(Input)	1	SUS/Ni:50u"Min.Contact aera Au:5u"Min,Solder aera Au:1u" Min

BOM LIST



GENERAL TOLERANCE	
XX. ±0.50	
X. ±0.35	X° ±2.0°
.X ±0.25	.X° ±1.0°
.XX ±0.15	.XX° ±0.5°

SCALE: 1:1
UNIT: mm
SIZE: A4

DRAWN Qian
CHECK
APPROVE

DATE 02/27'21
DATE
DATE

DWG. NO. 600-24666-01
PARTS NO.(INTENDED USE) 818024666

TITLE CUSTOMER DRAWING
MINI RF 1Gen CONN., L3.0*W3.0*H1.75mm
REV. X1
SHEET 1/1