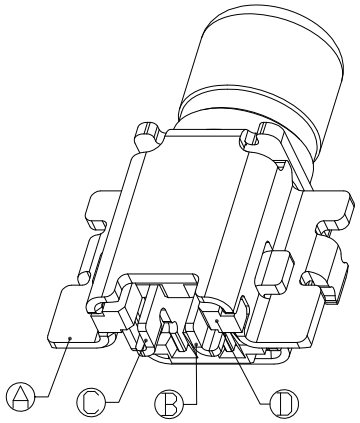
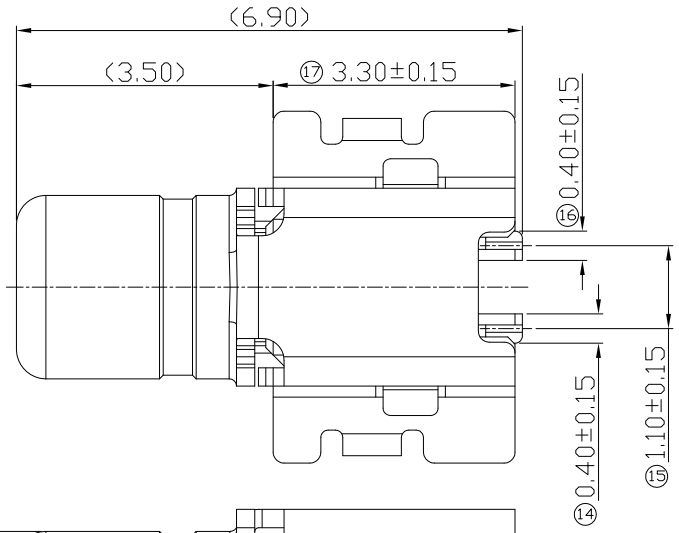
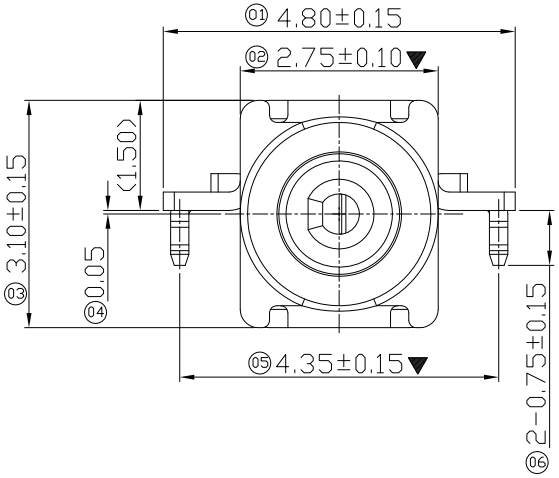
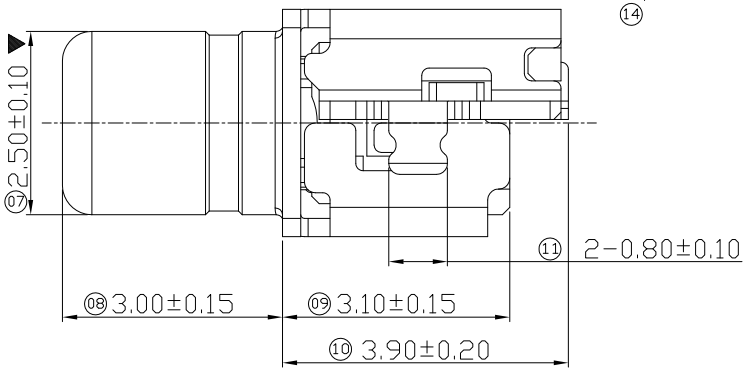
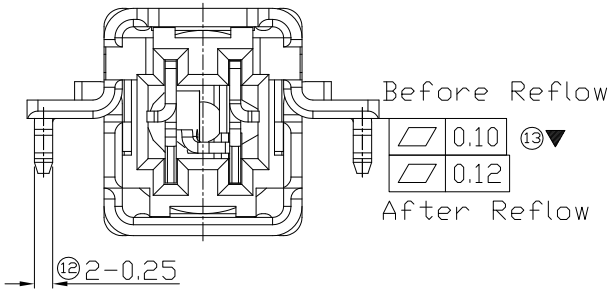
Rev.	ECN Number	Description	Date	Drawn	Checked	Approved
A	ECN201763	FIRST RELEASE	08/06'20	Qian	Martin	Ken

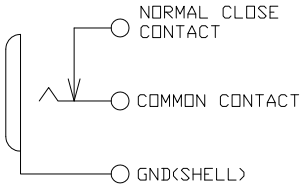












COAXIAL SWITCH CIRCUIT

No.	Part Name	Material	Finish	Q'ty
D	HOUSING	LCP	UL 94V-0	1
C	COMMON CONTACT	Copper Alloy	Ni:50u"Min. Contact area Au5u"Min,Solder area GF Plated	1
B	NORMAL CLOSE CONTACT	Copper Alloy	Ni:50u"Min. Contact area Au5u"Min,Solder area GF Plated	1
A	SHELL	Copper Alloy	Ni:50u"Min. PLATING 3u" Au Min	1

ELECTRIC CONNECTOR TECHNOLOGY

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

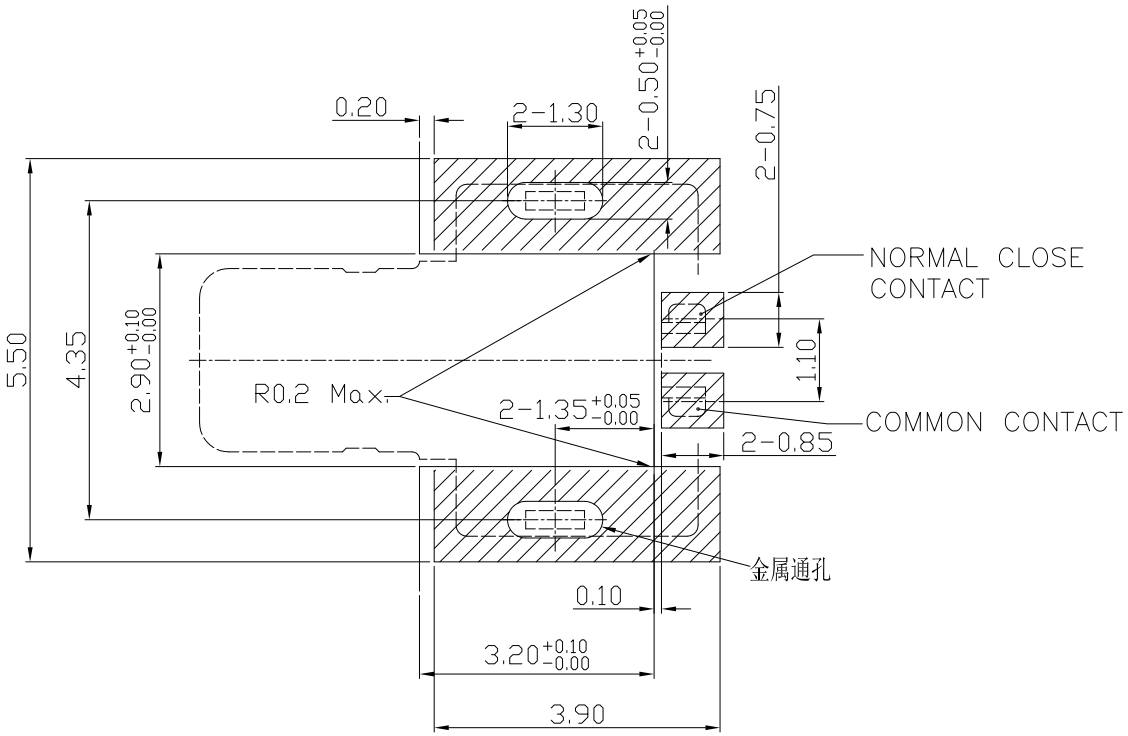
SCALE: 1:1	DRAWN Qian	DATE 08/06'20	DWG. NO. 600-21732-01
UNIT: mm	CHECK	DATE	PARTS NO.(INTENDED USE) 818021732
SIZE: A4	APPROVE	DATE	

TITLE
CUSTOMER DRAWING
SCS RF Switch ϕ2.5*H3.1
SMT+DIP 6G

REV. A

SHEET 1/2

Rev.	ECN Number	Description	Date	Drawn	Checkd	Approved
A	ECN201763	FIRST RELEASE	08/06'20	Qian	Martin	Ken



P.C.B LAYOUT(TOP VIEW)
General Tolerance: ±0.05

NOTES:

1. PRODUCT SPECIFICATION:
   - 1.1 CHARACTER IMPEDANCE : 50Ω
   - 1.2 LLCR :
     INITIAL : 100 mΩ Max.
     AFTER TEST : 200 mΩ Max.
   - 1.3 INSULATION RESISTANCE : 1000 MΩ Min.
   - 1.4 DIELECTRIC WITHSTANDING VOLTAGE :
     150V AC FOR 1 MINUTE;
   - 1.5 VSWR : (FREQUENCY)
     (DC~1GHz) NORMAL CLOSE 1.30 Max.
     NORMAL OPEN 1.30 Max.
     (1~3GHz) NORMAL CLOSE 1.40 Max.
     NORMAL OPEN 1.40 Max.
     (3~6GHz) NORMAL CLOSE 1.50 Max.
     NORMAL OPEN 1.50 Max.
   - 1.6 INSERTION LOSS : (FREQUENCY)
     (DC~1GHz) NORMAL CLOSE 0.2dB Max.
     NORMAL OPEN 0.3dB Max.
     (1~3GHz) NORMAL CLOSE 0.3dB Max.
     NORMAL OPEN 0.4dB Max.
     (3~6GHz) NORMAL CLOSE 0.5dB Max.
     NORMAL OPEN 0.6dB Max.
   - 1.7 ISOLATION : (FREQUENCY)
     (DC~1GHz) 15.0dB Min.
     (1~3GHz) 11.0dB Min.
     (3~6GHz) 10.0dB Min.
   - 1.8 DURABILITY : 5000 Cycles

	GENERAL TOLERANCE		SCALE: 1:1	DRAWN Qian	DATE 08/06'20	DWG. NO. 600-21732-01	TITLE CUSTOMER DRAWING	REV. A
ELECTRIC CONNECTOR TECHNOLOGY	XX. ±0.50		UNIT: mm	CHECK	DATE	PARTS NO.(INTENDED USE) 818021732	SCS RF Switch ϕ2.5*H3.1 SMT+DIP 6G	SHEET 1/2
	X. ±0.35	X.° ±2.0°						
	.X ±0.25	.X° ±1.0°						
	.XX ±0.15	.XX° ±0.5°	SIZE: A4	APPROVE	DATE			