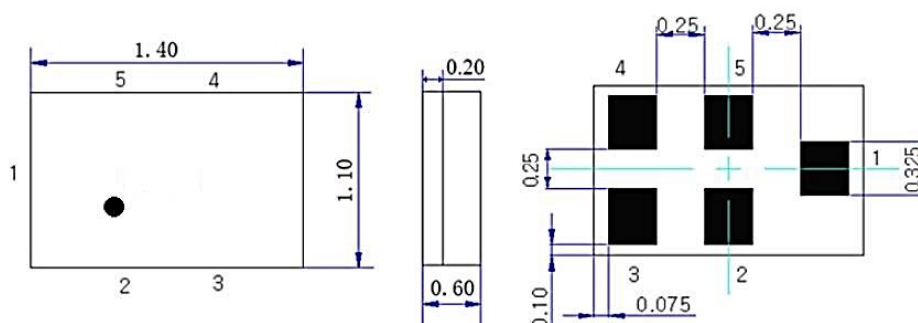


## GPS/Beidou/GLONASS SAW FILTER RSFA-1582.400-46840-1411-TR AUTOMOTIVE GRADE

### Electrical Specifications

Parameters		Value	Unit
Center Frequency (Fo)		1582.400	MHz
Insertion Loss, typ/max	1559.050 ~ 1563.150 MHz	1.0 / 1.5	dB
	1572.420 ~ 1578.420 MHz	0.8 / 1.3	dB
	1597.780 ~ 1605.890 MHz	1.0 / 1.5	dB
Pass Band Ripple, typ/max	1559.050 ~ 1563.150 MHz	0.2 / 1.0	dB
	1572.420 ~ 1578.420 MHz	0.2 / 0.8	dB
	1597.550 ~ 1605.890 MHz	0.2 / 1.0	dB
VSWR, typ/max	1559.050 ~ 1563.150 MHz	1.7 / 2.1	-
	1572.420 ~ 1578.420 MHz	1.7 / 2.0	-
	1597.780 ~ 1605.890 MHz	1.7 / 2.1	-
Group Delay Ripple, typ/max	1597.550 ~ 1605.890 MHz	7 / 20	ns
Attenuation, min/typ	500.000 ~ 1500.000 MHz	-20 / -27	dB
	1710.000 ~ 5900.000 MHz	-20 / -25	dB
DC Voltage		5	V
Input Power, max (5000h)		20	dBm
ESD Voltage Sensitive Discharge Device	ESD (MM)	50	VDC
	ESD (HBM)	175	VDC
Operating Temperature Range		-40 to +105	°C
Storage Temperature Range		-40 to +105	°C

### Dimension



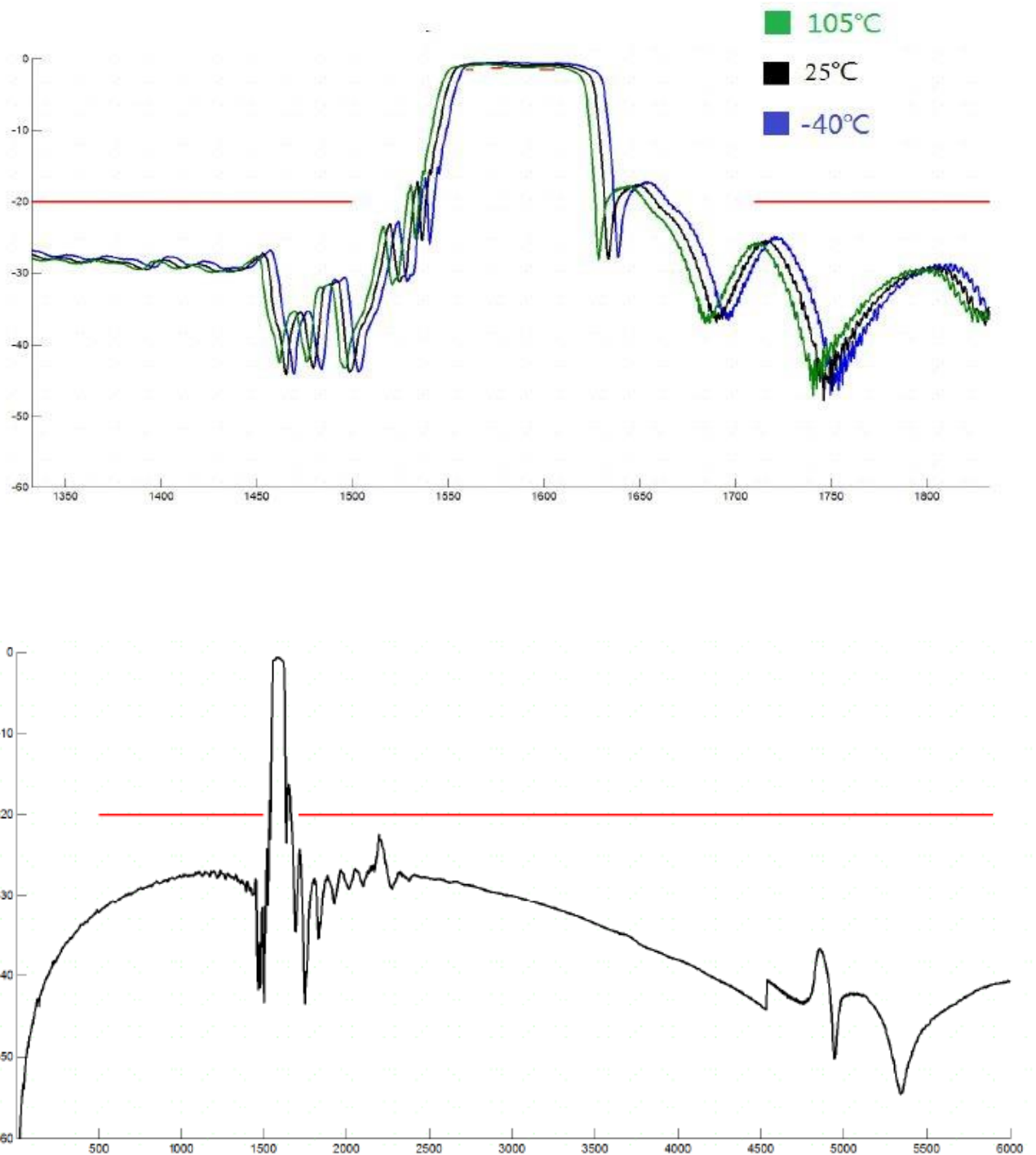
TOP VIEW

BOTTOM VIEW

Pin configuration

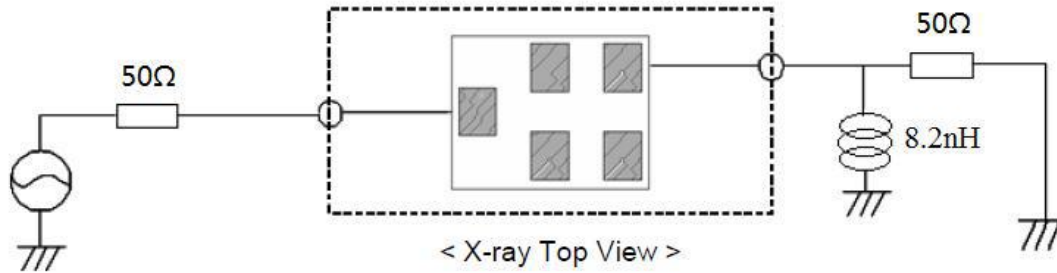
- 1. Input
- 4. Output
- 2,3,5 To be grounded

### Frequency Characteristics



## GPS/Beidou/GLONASS SAW FILTER RSFA-1582.400-46840-1411-TR AUTOMOTIVE GRADE

### Test Circuit

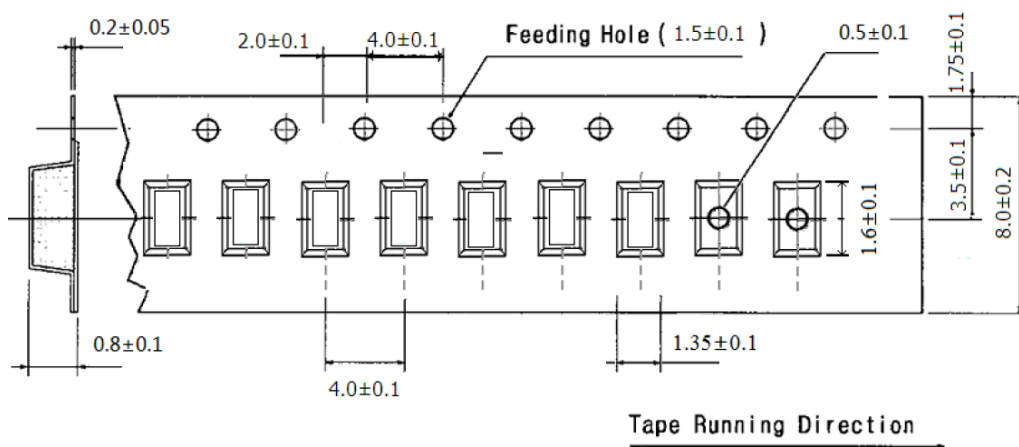


### Environmental

PARAMETER	VALUE
MOISTURE SENSITIVITY LEVEL	2
TERMINATION FINISH	Au
REACH - SVHC	Compliant
RoHS	Compliant
ELECTROSTATIC SENSITIVE DEVICE	Yes



### Tape Dimension





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# GPS/Beidou/GLONASS SAW FILTER RSFA-1582.400-46840-1411-TR AUTOMOTIVE GRADE

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## ● APPROVAL

DRAWN BY	AR, November 23, 2022
APPROVED BY	CP, November 23, 2022
REVISION	A, Initial Release

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