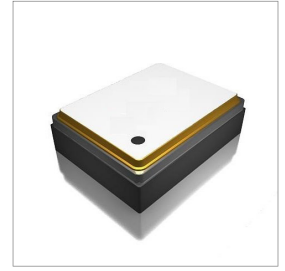


Features

- Frequencies from 722MHz to 2655MHz
- Low amplitude ripple
- RoHS compliance
- Electrostatic sensitive device
- Compatible with EPCOS, TDK, etc

Applications

- Automotive and Telematics
- Wireless Communication
- RF Filters for Cellular Phone
- LTE



Part Numbering Guide

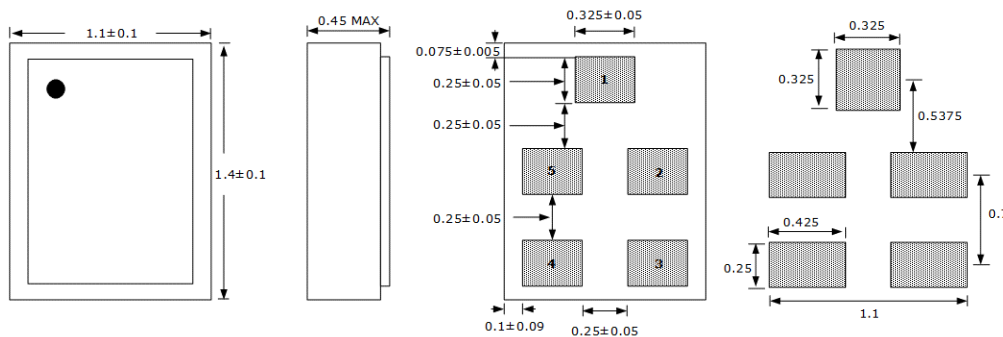
S FL SR 1E1B 9A 2I - 923.5



* Where letters denote decimal location (A=0, B=1, C=2, etc.); e.g. B5=0.15, 3A5=3.05, 9A=9.0

Electrical Parameters (at 25 °C)	Units	Minimum	Typical	Maximum	Remarks
Center Frequency	MHz	722		2655	See part number reference (page 2).
Passband width	MHz	9.0		100	See part number reference (page 2).
Insertion Loss	dB	1.3		2.8	See part number reference (page 2).
DC voltage(VDC)	V		5.0		
Operating Temperature	°C	-40		85	
Storage Temperature	°C	-55		125	
Maximum Input Power	dBm		15		
Terminating Source Impedance	Ω		50		
Terminating Load Impedance	Ω		50		

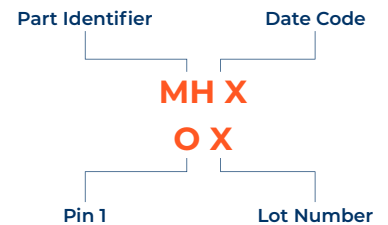
Outline Drawing



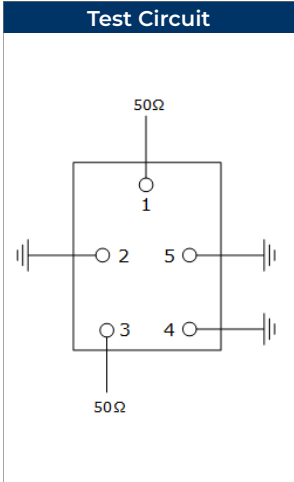
PIN #	Function
1	INPUT
4	OUTPUT
2, 3, 5	GROUND

All dimensions are in millimeters (mm) unless otherwise noted. Drawings are not to scale.

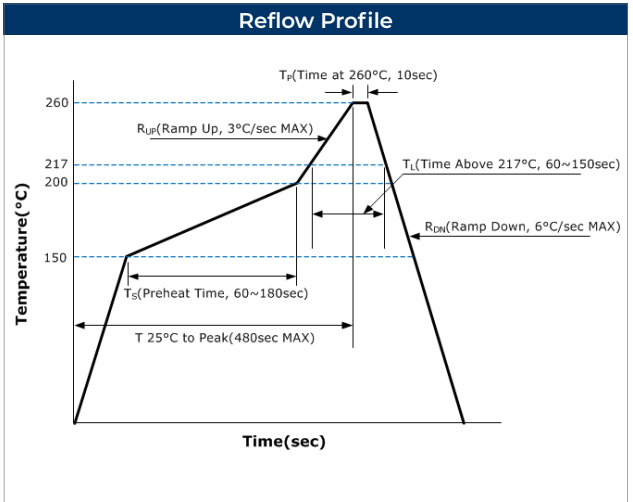
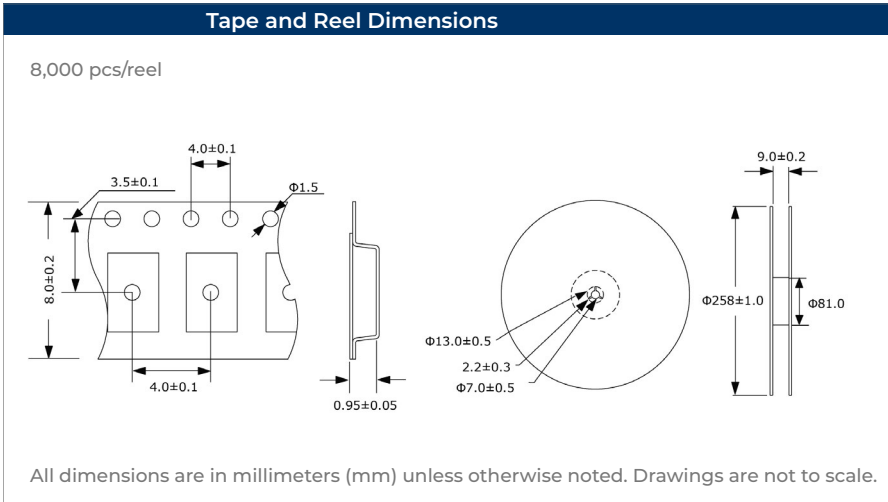
Marking



Year	Month											
	Jan	Feb	Mar	April	May	June	July	Aug	Sep	Oct	Nov	Dec
2017	1	2	3	4	5	6	7	8	9	A	B	C
2018	D	E	F	G	H	I	J	K	L	M	N	O
2019	P	Q	R	S	T	U	V	W	X	Y	Z	a



Environmental & Mechanical Specifications	
High Temperature Storage	85°C (GRADE3), 1000h, unpowered
Temperature Cycling	-40°C / 85°C (GRADE3), 1000 cycles. Dwell time :15min. Transition time: < 20 s
Humidity Test	85°C/85% relative humidity, 1000h voltage acc. Data sheet [here: 0 V]
Operational Life	Nominal RF power and maximum temperature acc. to data sheet. 85°C, 1000h
External Visual	Inspection acc. to MIL-STD-883 meth. 2009
Physical Dimension	Verification acc. to IEC 862-1
Mechanical Shock	30000 m/s ² , 0.2ms, 1/2 Sin, 3x/direction
Vibration Test	10 to 2000 Hz, 0.75 mm ampl., 100 m/s ²
Electrostatic Discharge	HBM : 1.5kOhm, 100pF, 1pulse +/- [here : all withstand 225VHBM]
Solderability	Solderability Solder reflow method (Pb-free), 230°C -0/+5°C, 10s (after preconditioning 155°C, 16h)
Resistance to Soldering Heat	255°C -0/+5°C, 20s



Part Number Reference	Center Frequency (MHz)	Bandwidth (MHz)	Insert Loss (dB)	Package Code
SFLSR-1E1B-27A2A-742.0M	742.0	27	2.0	1E1B
SFLSR-1E1B-45AaII-780.0M	780.0	45	1.8	1E1B
SFLSR-1E1B-30A2C-806.0M	806.0	30	2.2	1E1B
SFLSR-1E1B-25A1J-881.5M	881.5	25	1.9	1E1B
SFLSR-1E1B-9A2I-923.5M	923.5	9	2.8	1E1B
SFLSR-1E1B-35A2B-942.5M	942.5	35	2.1	1E1B
SFLSR-1E1B-4A1D-1561.10M	1561.10	4	1.3	1E1B
SFLSR-1E1B-4AJ0-1575.42M	1575.42	4	0.9	1E1B
SFLSR-1E1B-8D41D-1601.72M	1601.72	8.34	1.3	1E1B
SFLSR-1E1B-73I2I-1842.5M	1842.5	73.8	2.8	1E1B
SFLSR-1E1B-60A2A-1960.0M	1960.0	60	2.0	1E1B
SFLSR-1E1B-60A1F-2140.0M	2140.0	60	1.5	1E1B
SFLSR-1E1B-90A2A-2155.0M	2155.0	90	2.0	1E1B
SFLSR-1E1B-100A2A-2350.0M	2350.0	100	2.0	1E1B
SFLSR-1E1B-50A1G-2595.0M	2595.0	50	1.6	1E1B
SFLSR-1E1B-70A2B-2655.0M	2655.0	70	2.1	1E1B