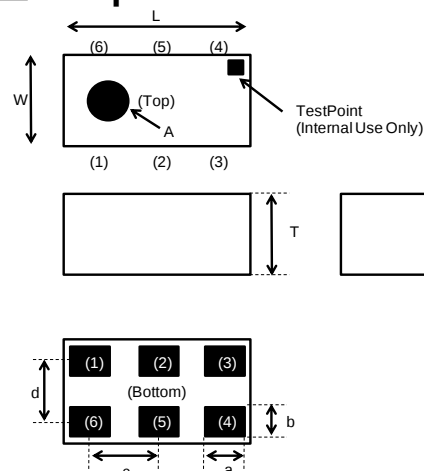


TSD1N18B829MLS0FKT (FI 168P0829FK-T)**Mirror pin type****Shapes & Dimensions**

Terminal	
(1)	GND
(2)	Common
(3)	GND
(4)	HB
(5)	GND
(6)	LB

Mark	Marking
A	Directional Input Mark

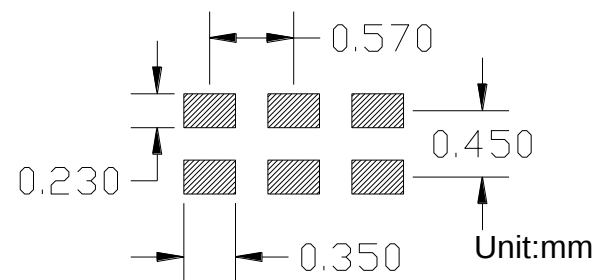
Mark	Dimension	Mark	Dimension
L	1.60 +/- 0.10	a	0.35 +/- 0.10
W	0.80 +/- 0.10	b	0.23 +/- 0.10
T	0.80 max.	c	0.57 typ.
		d	0.45 typ.

unit : mm

Electrical Characteristics

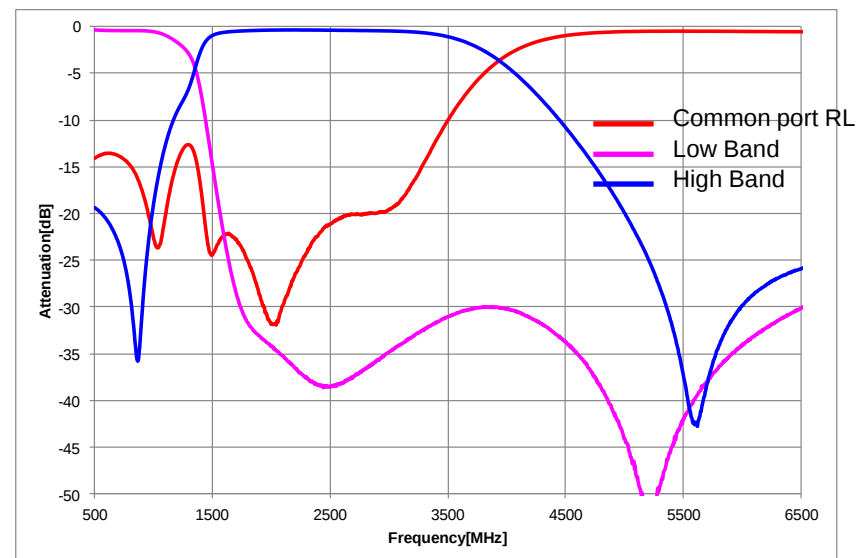
TSD1N18B829MLS0FKT (FI 168P0829FK-T)		Specification	Measured Data Ta=+25degC	UNIT
Low LB	Pass band frequency	698 - 960 MHz	←	MHz
	Insertion Loss at Pass band	+25 degC	-	0.51 dB
		-40~+85 degC	0.70 dB Max.	- dB
	V.S.W.R. at Pass band	2.0 Max.	1.5	
	Attenuation	1710-2700 MHz	25 dB Min.	28 dB
High MB-HB	Pass band frequency 1	1710 - 2170 MHz	←	MHz
	Pass band frequency 2	2170 - 2700 MHz	←	MHz
	Insertion Loss at Pass band 1	+25 degC	-	0.48 dB
		-40~+85 degC	0.75 dB Max.	- dB
	Insertion Loss at Pass band 2	+25 degC	-	0.4 dB
		-40~+85 degC	0.60 dB Max.	- dB
	V.S.W.R. at Pass band	2.0 Max	1.2	
	Attenuation	698-960 MHz	20 dB Min.	22 dB
Isolation		5150-5850 MHz	18 dB Min.	23 dB
		698-960 MHz	20 dB Min.	21 dB
Power Handling at Pass Band		1710-2700 MHz	25 dB Min.	33 dB
Impedance		+30 dBm CW	-	dBm
		50 ohm	50	Ohm

Operating Temp. -40 to +85 deg-C

Example of land pattern

(1) Metal Mask thickness; 0.08mm

(2) Metal opening ratio; 100% of land pattern

Plot Data

Notice : All the technical data and specifications are subject to change without prior notice. This product is only intended for use in general communications applications and not intended for applications such as automotive embedded systems where higher safety and reliability are required. Before making final selection, please check product specification.