

Features

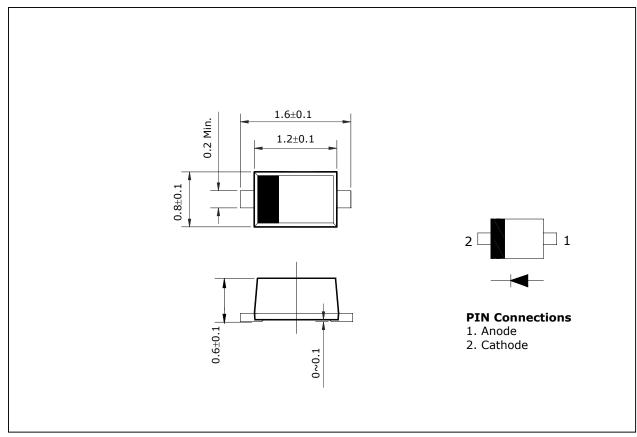
- Suitable for UHF band VCO.
- Low series resistance.

Ordering Information

Type No.	Marking	Package Code
SDV708Q	V8	SOD-523

Outline Dimensions





KSD-E017-001

SDV708Q

Absolute Maximum Ratings

[Ta=25°C]

Characteristic	Symbol	Ratings	Unit
Continuous reverse voltage	V_R	20	V
Junction temperature	T_{j}	150	°C
Storage temperature range	T_{stg}	-55 ~ 150	°C

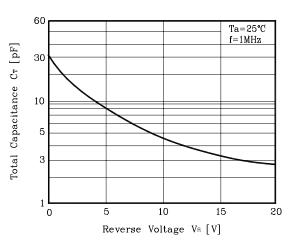
Electrical Characteristics

[Ta=25°C]

Characteristic	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Reverse voltage	V_R	$I_R = 1\mu A$	20	ı	-	V
Reverse current	I_{R}	V _R =20V	-	-	10	nA
Total Capacitance	C_{2V}	V _R =2V, f=1MHz	13.90	-	16.40	pF
	C _{10V}	V _R =10V, f=1MHz	4.0	-	5.0	pF
Capacitance Ratio	C _{2V/10V}		3.0	-	-	
Series resistance	r_{S}	V _R =5V, f=470MHz	-	0.7	-	Ω

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