

unit : mm

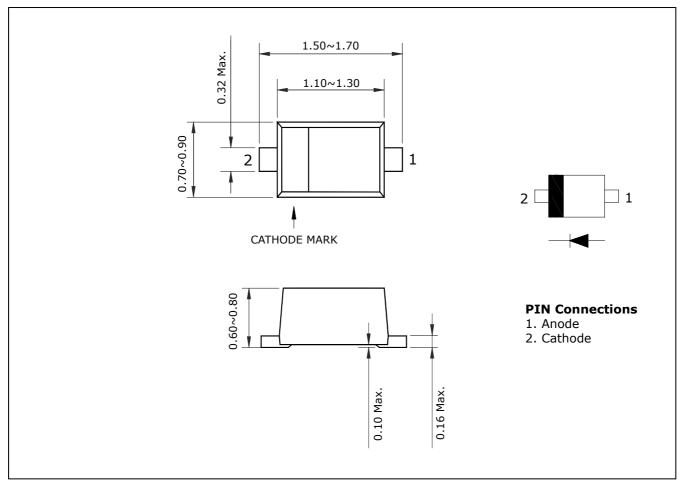
Features

- VHF tuner band switch applications.
- Low Series Resistance : $r_s = 0.9\Omega$ (Max.)
- Low Total Capacitance : $C_T = 1.2pF(Max.)$

Ordering Information

Type No.	Marking	Package Code
SDP410Q	B2	SOD-523

Outline Dimensions



SDP410Q

Absolute maximum ratings

Absolute maximum ratings T				
Characteristic	Symbol	Ratings	Unit	
Continuous reverse voltage	V _R	30	V	
Forward current	I _F	100	mA	
Junction temperature	Tj	150	°C	
Storage temperature	T _{stg}	-55 ~ 150	°C	

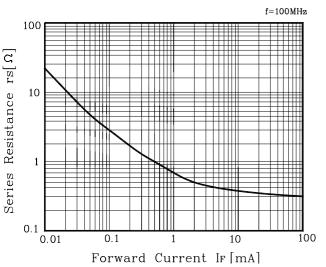
Electrical Characteristics

Electrical Characteristics						a=25°C
Characteristic	S ymbol	Test Condition	Min.	Тур.	Max.	Unit
Forward voltage	V _F	I _F =2mA	-	-	0.85	V
Reverse current	I _R	$V_R = 15V$	-	-	0.1	μA
Reverse voltage	V _R	$I_R = 1 \mu A$	30	-	-	V
Total capacitance	C _T	V _R =6V, f=1MHz	-	0.7	1.2	pF
Series resistance	r _s	I _F =2mA, f=100MHz	-	0.5	0.9	Ω

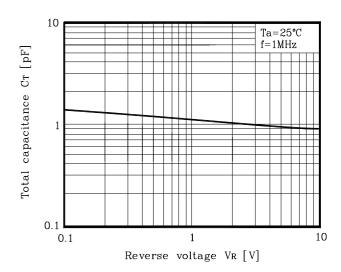
SDP410Q

Electrical Characteristic Curves

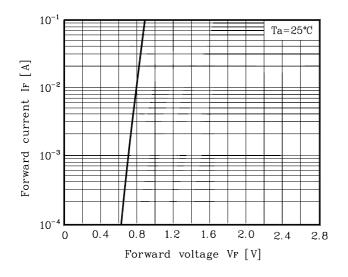












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