WSR33B

Ceramic Resonator 3.7 x 3.1mm SMD package Three Terminal - Internal Capacitance Type

Features

•Cost effective

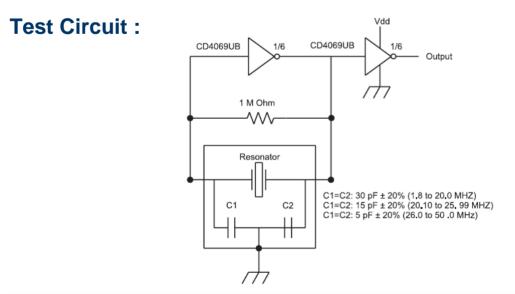
Small and Light

•High Durability

•Excellent Temperature Stability

Electrical Specifications

Frequency Range		8.000 to 50.000	MHz	
Frequency Tolerance at 25°C		±0.5%	% Max	
Frequency Stability over Temperature Range	Standard	±0.3	% Max	
Tomporatura Danga	Operating	-20 to +80 °C		
Temperature Range	Storage	-40 to +85		
Aging over 10 Years		±0.3	% Max	
Voltage Rating	DC	6.0	V	
	AC	15	V р-р	
	Maximum	100 for 5 seconds	V Max	
External Capacitance (See Test Circuit)	C1=C2	10 ±20% pF		
Equivalent Ser Resistance (ESR)		70	Ohms Max	
Insulation Resistance (Applied at 10Vdc)		100	M Ohm Min	



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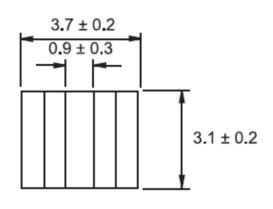
WSR33B

Part Numbering System

Туре		Frequency	-	Tape & Reel
WSR33B	-	in MHz		TR

Examples : WSR33B-24.000-TR or WSR33B-28.000-TR

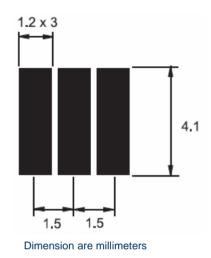
Mechanical Outline





PCB Solder Pad Layout

Ugyetron



Solder Reflow Characteristics

Carrier Tape Dimensions

1.5 Dia 2.0 4.0 260°C 1.75 0 10 seconds max (2 times max) 5.5 Temperature 230°C 12.0 150°C 50±20 seconds 1.5 120±20 seconds Direction of Feed Reflow Area Cooling 4.0 Pre-heat Area

Time (seconds)

Notes:

- 1 Lead Pb in Ceramic is exempt per RoHSF 2002/95/EC, Annex 7.
- 2 Product is shipped in Tape & Reel, each pack is 3000 pieces
- 3 Specification subject to change without notice.

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