Voltage Controlled Oscillator

ZOS-535+

Dual Output 300 to 525 MHz

Features

- · octave bandwidth
- linear tuning
- excellent harmonic suppression, -27 dBc typ.
- rugged shielded case
- protected by US Patent, 6,943,629

Applications

- · auxiliary output freq. monitoring
- · load insensitive source



CASE STYLE: BR386

Connectors	Model	Price	Qty.
SMA	ZOS-535+	\$119.95	(1-9)

+ RoHS compliant in accordance with EU Directive (2002/95/EC)

The +Suffix has been added in order to identify RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications.

Electrical Specifications

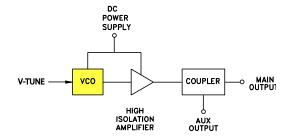
FREQUENCY (MHz)		POWER OUTPUT (dBm) Typ.		TUNING VOLTAGE (V)			PHASE NOISE (dBc/Hz) SSB at offset frequencies: Typ.		PULLING (MHz) pk-pk (open/short)	PUSHING (MHz/V)	TUNING SENSITIVITY (MHz/V)	HARMONICS (dBc)		3 dB MODULATION BANDWIDTH (MHz)	DC OPERATING POWER	
Min.	Max.	Main	Aux.	Min.	Max.	10 kHz	100 kHz	1 MHz	Тур.	Тур.	Тур.	Тур.	Max.	Тур.	Vcc (mA	Current (mA) Max.
300	525	+9	-13	1	16	-96	-118	-131	0.018	0.50	18	-27	-20	0.1	12	140

Maximum Ratings

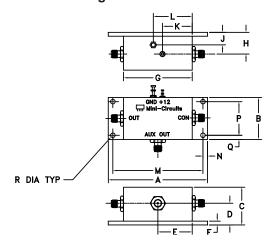
Operating Temperature	-55°C to 85°C
Storage Temperature	-55°C to 100°C
Absolute Max. Supply Voltage (Vcc	c) +16V
Absolute Max. Tuning Voltage (Vtu	ne) +18V

all specifications: 50 ohm system
Permanent damage may occur if any of these limits are exceeded.

electrical schematic

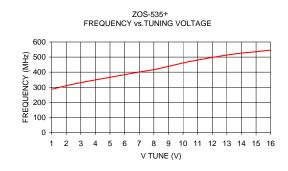


Outline Drawing



Outline Dimensions (inch)

wt	R	Q	Р	N	M	L	K	J	Н	G	F	Е	D	С	В	Α
grams	.150	.14	1.100	.15	2.950	1.28	.98	.41	.71	2.25	.125	1.13	.71	1.25	1.38	3.25
180	3.81	3.56	27.94	3.81	74.93	32.51	24.89	10.41	18.03	57.15	3.18	28.70	18.03	31.75	35.05	82.55



For detailed performance specs

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