



**Data Sheet**

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BACK

Product Category: Ceramic Resonator

Series Number	Package	Description	Last Modified
685	ZTTCE Ceramic	SMD Resonator	Oct. 17, 2011

**FEATURES**

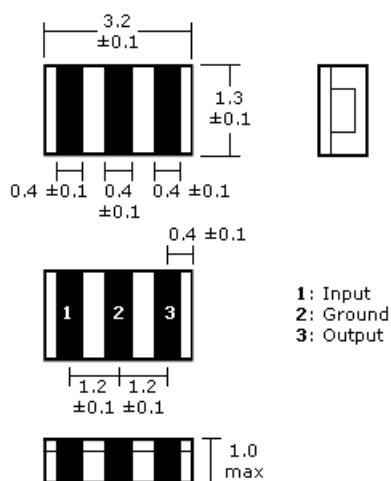
- Extended temperature range
- High stability
- Surface Mount Ceramic Resonator small package
- RoHs Compliant



**OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

Series No.	Type	Fig	Frequency Range*	Frequency Accuracy	Stability in Temperature	Aging for Ten Years
			(MHz)	@25° (MHz)	-20° ~ +80°C	-
685	ZTTCE	1	8.0~12.0	±0.5%	±0.3%	±0.3%

\*Other Freq. Avail. Contact Oscilent for assistance.



**3-PIN TYPE CERAMIC RESONATOR SMD**

Series No.	Frequency Range (MHz)	Ro (ohm)	C1=C2 pF value	Remark
685	8.00~12.00	40	15pF±20%	PF value is for built-in capacitor only

**PART NUMBER GUIDE**

Part Number	Frequency	Load Capacitance	Frequency Accuracy (%)	Operating Temp (°C)	Packaging**
685	- 8.0M	- 15	- 03	W	- TR
685 = ZTTCE	e.g. -8.0M = 8.00 MHz Std. Range = 8.0 ~ 12.0 MHz Other Freq. Avail. Contact Oscilent for assistance.	Blank* = Standard as shown in above Table or Fill in the blank e.g 15 = 15pF	Blank* = ±0.5% -03 = ±0.3%	Blank* = -20 ~ +80 -N = -40 ~ +85 -W = -40 ~ +125	Blank* = Bulk -TR = Tape/ Reel

**NOTE:** Deviations on all parameters available. Please consult Oscilent for details.

**DEFINITIONS:** Click on the characteristic names above, for definitions of the particular characteristic.

**\*STANDARDS:** "Blank" part number selections, indicate standard variables for the particular characteristic.

**\*\*PACKAGING:** Click on the packaging name above for tape/reel specifications

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Series No.: 685

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