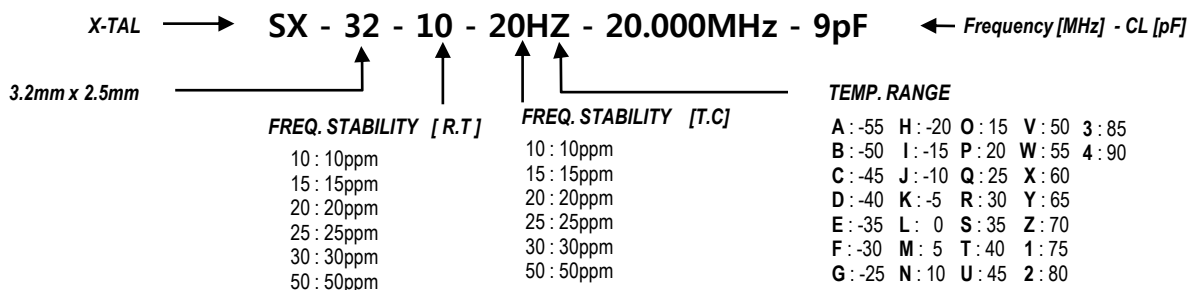


Features & Applications

- ±10 ppm Temperature Stability available
- AT-CUT Fundamental or 3rd O/T Crystal Design
- WIDE FREQUENCY RANGE
- CERAMIC SMD PACKAGE
- Microprocessor Clock
- Cellular, SONET, DSP
- Ethernet, LAN
- DIGITAL TV, VIDEO
- ISDN, Cellular Telephony


Part Numbering Guide

Electrical Characteristics

type	SX - 32 SMD CRYSTAL	REMARK
frequency range	10.000 MHz ~ 60.000 MHz	
frequency stability	± 10ppm ~ ± 100ppm	
operating temperature	STD. -10°C ~ 70°C / Option : -40°C ~ 90°C	
storage temperature	-55°C ~ 125°C	
drive level	100µw max	
load capacitance	9 pF typical / series, 7 pF ~ 32 pF	
shunt capacitance (Co)	5 pF max	
equivalent series resistance	10.00 ~ 10.99 MHz	150 Ω max fundamental
	11.00 ~ 11.99 MHz	120 Ω max fundamental
	12.00 ~ 12.99 MHz	100 Ω max fundamental
	13.00 ~ 25.99 MHz	80 Ω max fundamental
	26.00 ~ 60.00 MHz	60 Ω max fundamental
aging	±3.0ppm max at +25°C ±3°C for first year	
insulation resistance	500MΩ min @ 100V	

All specifications are subject to change without notice

Outline
