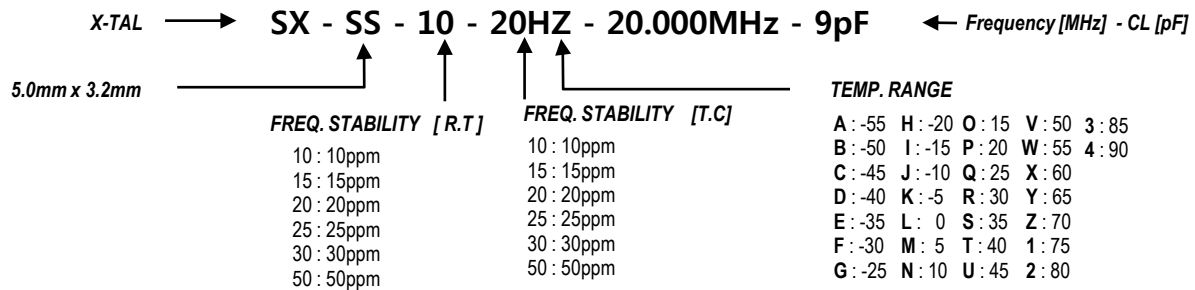


Features & Applications

- ± 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 - SS SMD CRYSTAL | REMARK |
|------------------------------|--|------------------|
| frequency range | 8.000 MHz ~ 125.000 MHz | |
| frequency stability | ± 10 ppm ~ ± 100 ppm | |
| operating temperature | STD. -10°C ~ 70°C / Option : -40°C ~ 90°C | |
| storage temperature | -55°C ~ 125°C | |
| drive level | 100 μ W typical / 300 μ W max | |
| load capacitance | 9 pF typical / series, 7 pF ~ 32 pF | |
| shunt capacitance (Co) | 5 pF max | |
| equivalent series resistance | 8.00 ~ 11.99 MHz | 100 Ω max |
| | 12.00 ~ 19.99 MHz | 80 Ω max |
| | 20.00 ~ 29.99 MHz | 70 Ω max |
| | 30.00 ~ 54.00 MHz | 50 Ω max |
| | 40.0 ~ 125.0 MHz | 80 Ω max |
| aging | ± 5.0 ppm max at +25°C ± 3 °C for first year | |
| insulation resistance | 500M Ω min @ 100V | |

All specifications are subject to change without notice

Outline

