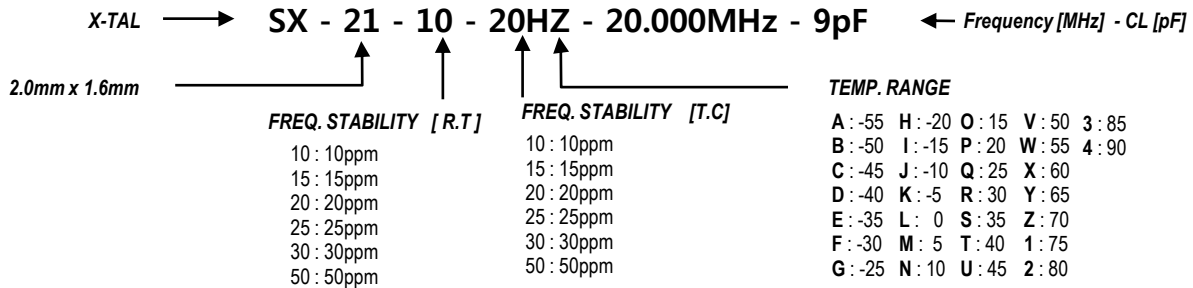


Features & Applications

- ±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 - 21 SMD CRYSTAL | REMARK |
|------------------------------|---|--------------------------|
| frequency range | 20.000 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 | 20.00 ~ 25.99 MHz | 200 Ω max fundamental |
| | 26.00 ~ 40.99 MHz | 100 Ω max fundamental |
| | 41.00 ~ 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
