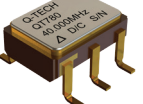


New Space Components

	XO			TCXO		OCXO			MCXO	
Product Line	 QT723 Series	 QT735 Series	 QT780 Series	 AXLE7050S Series AXLE7050S-H Series	 AXLE5032S Series AXLE5032S-H Series	 AXIOM70SL	 AXIOM75SL	 AXIOM75SH AXIOM75SHM	 QT2020	 QT2021
Frequency Range	1.5MHz - 133MHz	1MHz to 250MHz	225kHz to 250MHz	10 to 50MHz (CSW and HCMOS)		10MHz (HCMOS)	10MHz (Sine)	80 - 400MHz (Sine)	5 - 100MHz	5 - 100MHz
Stability Range	±25ppm (limited) ±50ppm	±25ppm (limited) ±50ppm	±25ppm (limited) ±50ppm	±1 to ±2 ppm	±1 to ±2 ppm	±10ppb	±10ppb	±50ppb	±10ppb to ±30ppb	±10ppb to ±30ppb
Voltage	1.8V - 3.3V	1.8V - 5.0V	1.8V - 5.0V	3.3 V	3.3 V	5V	12V	12V	3.3V	3.3V
Temperature Range	-55°C to +125°C	-55°C to +125°C	-55°C to +125°C	-40°C to +85°C	-40°C to +85°C	-30°C to +70°C	-30°C to +70°C	-30°C to +70°C	0°C to +70°C -40°C to +85°C	0°C to +70°C -40°C to +85°C
Radiation Hardness (TID)	50kRad TID	50kRad TID	50kRad TID	40kRad TID (50 kRad tested)	40kRad TID (50 kRad tested)	10kRad TID	40kRad TID (50 kRad tested)	40kRad TID (50 kRad tested)	50kRad TID	50kRad TID
Radiation Hardness (SEL)	Contact Factory	Contact Factory	Contact Factory	120MeV-cm ² /mg	120MeV-cm ² /mg	Contact Factory	SEL Immune	SEL Immune	29 MeV-cm ² /mg	75 MeV-cm ² /mg
Crystal	Non-Swept	Non-Swept	Non-Swept	Non-Swept	Non-Swept	Non-Swept	Swept on request	Swept on request	Swept	Swept
Crystal Mount	2-pt mount	2-pt mount	2-pt or 4-pt mount (package dependent)	2-pt mount	2-pt mount	2-pt mount	2-pt mount	4-pt mount	2-pt/4-pt mount	2-pt/4-pt mount
Size/Package	2.5 x 3.2mm	3.2 x 5mm	5 x 7mm - 7 x 9mm	5 x 7mm	3.2 x 5mm	25 x 25 x 13mm	25 x 25 x 13mm	25 x 25 x 13mm	25.4 x 50.8 x 8.4mm	25.4 x 50.8 x 8.4mm
Standard Screening	MIL-PRF-55310, Level B + PIND	MIL-PRF-55310, Level B + PIND	MIL-PRF-55310, Level B + PIND	MIL-PRF-55310, Level S Modified	MIL-PRF-55310, Level S Modified	MIL-PRF-55310, Level S Modified	MIL-PRF-55310, Level S Modified	MIL-PRF-55310, Level S Modified	MIL-PRF-55310, Level B Modified	MIL-PRF-55310, Level B Modified