

## 1. ELECTRICAL CHARACTERISTICS

(This test shall be performed under the conditions of temp.at 25 +/- 3deg. C, humidity 60% max.)

1. 1 NOMINAL FREQUENCY	16.000000 MHz
1. 2 MODE	Fundamental
1. 3 LOADING CAPACITANCE	12.0 pF
1. 4 FREQUENCY TOLERANCE	+/- 10 ppm Max. at +25 deg.C +/- 3 deg.C
1. 5 DRIVE LEVEL	10 uW +/- 2 uW
1. 6 EQUIVALENT SERIES RESISTANCE	60 ohms Max. / Series
1. 7 OPERATING TEMPERATURE RANGE	-40 deg.C to +85 deg.C
1. 8 FREQUENCY TEMPERATURE CHARACTERISTICS	+/-30 ppm Max. / -40 to +85 deg.C
1. 9 SHUNT CAPACITANCE	2.0 pF Max.
1.10 INSULATION RESISTANCE	500 Mohms Min. / DC100V +/- 15V
1.11 STORAGE TEMPERATURE RANGE	-40 deg.C to +85 deg.C

## 2.CONSTRUCTION

2. 1 HOLDER	DSX321G Ceramic Base
2. 2 DIMENSIONS AND MARKING	Refer to Fig.-1 and Table-1.

## 3.OTHER SPECIFICATIONS

3. 1 EMBOSS CARRIER TAPE & REEL	Refer to Fig.-2,3,4,5 and Table-2.
3. 2 SPECIAL MATTERS	
1.REFLOW CONDITIONS (REFERENCE)	Refer to Fig.-6.
2.LAND PATTERN (REFERENCE)	Refer to Fig.-7.

TITLE	Trigonometry	Unit	Scale
DSX321G TYPE SURFACE MOUNT TYPE QUARTZ CRYSTAL SPECIFICATION			
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