

FEATURES

- HIGH RELIABILITY FOR LOW COST
- CHEAPEST AVAILABLE MINI-SMD-CRYSTAL
- CERAMIC BODY WITH GLASS SEALED CERAMIC COVER
- EXCELLENT CLOCK SIGNAL GENERATUR FOR CPU'S

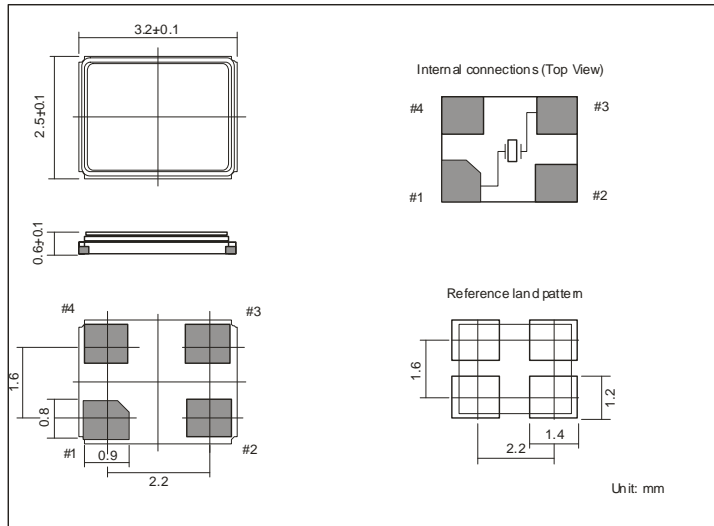


MINI-SMD-CRYSTAL SERIES SMD03025/4CC	3.2 x 2.5 x 0.9mm with 4 solder pads
STANDARD FREQUENCIES	24.000 MHz; 25.000 MHz; 26.000 MHz; 27.000 MHz; 30.000 MHz; 32.000 MHz
FREQUENCY RANGE	12 ~ 48 MHz on request (please ask if your required frequency is developed)
MODE OF VIBRATION	AT-FUNDAMENTAL
RESONANCE RESISTANCE	12 ~ 13 MHz = 100 Ω max.
	13 ~ 20 MHz = 80 Ω max.
	20 ~ 48 MHz = 60 Ω max.
FREQUENCY TOLERANCE AT 25°C	≥±15 ppm
WORKING TEMPERATURE RANGE	0/+50°C ~ -40/+85°C
TEMPERATURE STABILITY	≥±15 ~ ±50 ppm
STANDARD LOAD CAPACITANCE	7 pF ~ 20 pF (other parameters deliverable on request)
SHUNT CAPACITANCE	7 pF max.
DRIVE LEVEL	100 μW max. (other drive levels are available on request)
AGING	+3 ppm per year
INSULATION RESISTANCE	>500 MΩ DC/100V ±10%
STORAGE TEMPERATURE	-40/+85°C
RoHS	In accordance with the RoHS guideline 2002/95/EC, glass seal contain low share of Pb. Crystal is RoHS compliant.
DELIVERY FORM	Tape and Reel (3.000 pcs per reel)
<u>OTHER PARAMETERS ARE AVAILABLE ON REQUEST / CREATE HERE YOUR SPECIFICATION</u>	

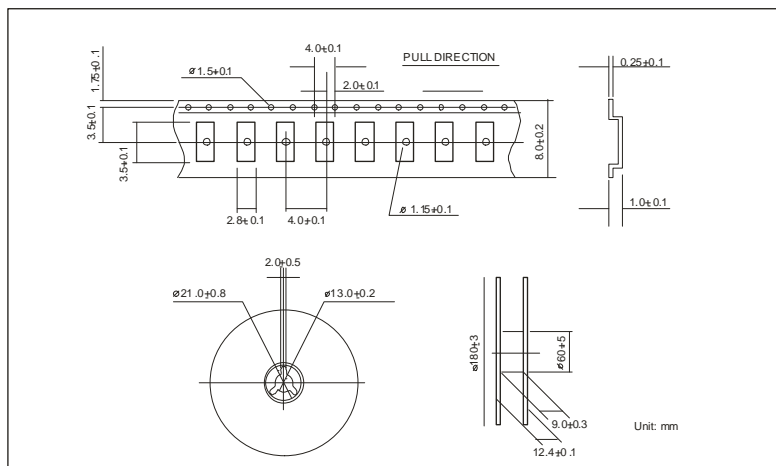
PART NUMBERING SYSTEM

EXAMPLE	SMD03025/4CC 32.000 MHz 30/50/-20+70/12pF
TYPE	SMD03025/4CC
FREQUENCY	IN MHZ
FREQUENCY TOLERANCE AT 25°C	REQUIRED VALUE
TEMPERATURE STABILITY	REQUIRED VALUE
TEMPERATURE RANGE	REQUIRED VALUE
LOAD CAPACITANCE	REQUIRED VALUE

OUTLINE DRAWING OF SMD03025/4CC



REEL SPECIFICATION



REFLOW SOLDERING

