ORDER GUIDE

QUARTZ CRYSTALS IN DIP & SMD TYPE

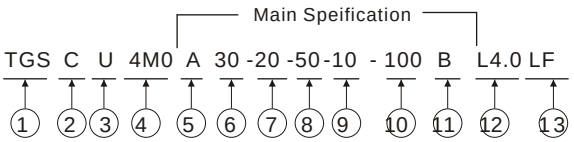
HOW TO ORDER

When inquiring or ordering TGS Crystals, please mention part number and package type to assure correct specification and prompt delivery services.

For special using conditions, more detailed specifications should be offered, if more practical applications, etc., are specified, the most suitable products can be introduced.

When load capacitance's, etc., are unclear for crystal units, the result will be more advantageous if the circuit being adopted or the actual device is shown to us. There can be manufacturing limits for some types, frequencies, temperature characteristics, operating conditions, and so on.

GENERAL PART NO. GUIDE



① Manufacturer's Trade Mark
② Quartz Crystals
③ TGS Series No.
④ Frequency Range
⑤ Oscillators Mode
⑥ Frequency Tolerance
⑦ Load Capacitance
⑧ Frequency Stability Vs Temperature Range
⑨ Operating Temperature Range
⑩ Equivalent Series Resistance (ESR)
⑪ Package
⑫ Other Values
⑬ Lead Free on Test Result

e.g. Full P/N.: TGS CU 4M0A30-20-50-10-100BL4.0LF
Short P/N.: CU 4M0A20BL4.0LF (Blank =Standard, ▲ Symblo for standard spec. in specification List)

MARKING GUIDE FOR DIP TYPE(3 Lines)

Mark	Explanation
TGS	Line 1: Manufacturer's Trade Mark
4.0000	Line 2: Frequency in MHz
20PF	Line 3: Load Capacitance

MARKING GUIDE FOR SMD TYPE(2 Lines)

Mark	Explanation
TGS 20 12.000	Line 1: Manufacturer's Trade Mark & Load Capacitance in pF Line 2: Frequency in Mhz

CONTENTS

TGS Series No.	Page
CU & CT	6
CUMA & CUMB	7
C50U	8
C51U	9
CA & CB	10
CAM & CBM	11
CS & CSS	12
CSM2 & CSSM2	13
CSM4 & CSSM4	14
CM75	15
CM63	16
CM53	17
CM42	18
CM32	19

APPLICATIONS

- Telephones
- Cordless Telephone
- Transceivers
- Pagers
- Facsimile Machines
- LAN Equipment
- Television Sets
- CATV Sets
- VCR/VTR sets
- MP3 Players
- VCD/DVD Players
- G.P.S.
- CD Players
- Bluetooth
- Digital Camera
- IR Remote Controls
- Car Stereo Systems
- VHF/UHF Transmitters/Receivers

Memo: