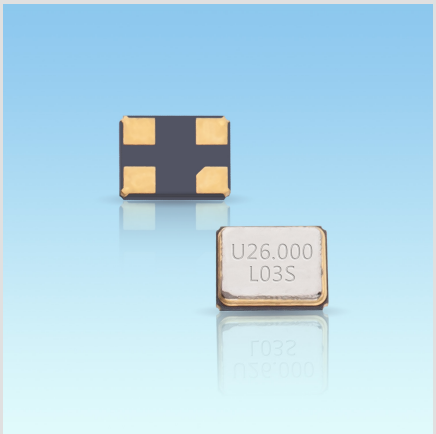
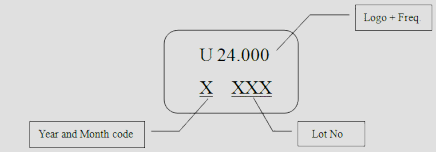
quarzwerk YOUR FREQUENCY COMPANY

Quarz SMD3225-M4



quarzwerk Part Number:	10-0415
Manufacturer:	Utech Electronics Technology Co., Ltd.
Series:	SMD3225-M4
Type:	QRS3
Dimension (mm):	3.2 x 2.5 x 0.70
Frequency:	14.745600 MHz
Mode:	Fundamental AT-Cut
Load Capacity CL:	12 pF
Frequency Tolerance at +25°C:	± 30 ppm
Frequency Tolerance over Temperature:	± 30 ppm
Operating Temperature:	-20°C to +70°C
Storage Temperature:	-55°C to +125°C
Equivalent Series Resistance (ESR):	60 Ohm max.
Drive Level:	1 µW to 100mW (Typical: 10µW)
Aging:	Fist year ±3 ppm max.
Shunt Capacitance:	5.0pF Max. (Typical: 3.0 pF)
Package Unit:	3000 pcs/reel
RoHS :	Pb free - 2011/65/EU (RoHS 2) compliant

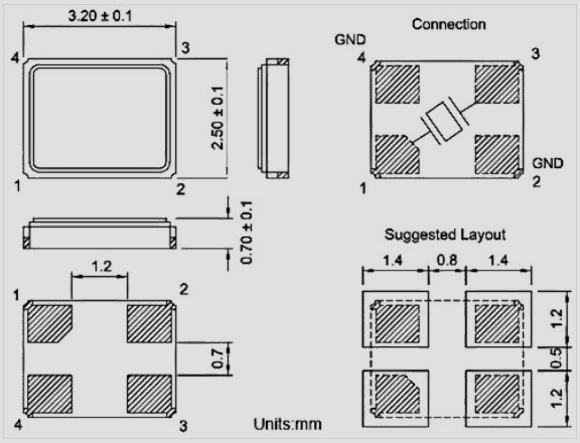
Marking



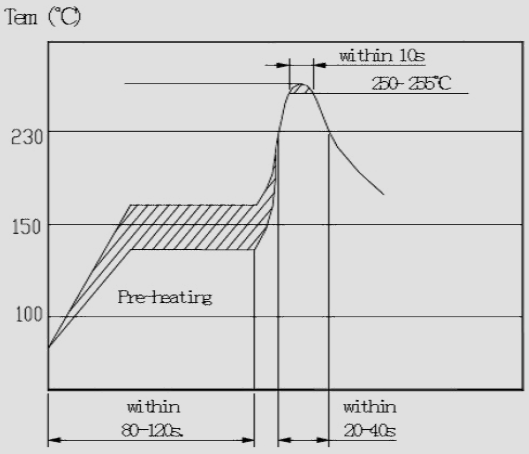
Year and Month Code

Year \ Month	1	2	3	4	5	6	7	8	9	10	11	12
2009	2013	2017	2021	A	B	C	D	E	F	G	H	J	K	L	M
2010	2014	2018	2022	N	P	Q	R	S	T	U	V	W	X	Y	Z
2011	2015	2019	2023	a	b	c	d	e	f	g	h	j	k	l	m
2012	2016	2020	2024	n	p	q	r	s	t	u	v	w	x	y	z

Dimension



Recommended Reflow Soldering Standard Condition



RoHS Compliant

ISO 9001 SYSTEM CERTIFICATION SGS

ISO 14001

YOUR FREQUENCY COMPANY

quarzwerk 01 GmbH
Neckartal 154/1
D-78628 Rottweil
Phone +49.741.20 96 30-00
Fax +49.741.20 96 30-29
info@quarzwerk.net
www.quarzwerk.net