

DATASHEET



PART NO.	20-0152
PART DESCR.	O-SMD3225-M4-40.000000 MHz-1.3-50-4085

REFERENCES	
MANUFACTURER	UTECH
MFR. PART NO.	

PRODUCT IMAGE	MARKING DIMENSION

TECHNICAL SPECIFICATION	
A 1.00 Manufacturer Name	UTECH
A 1.02 Description	Quartz Crystal Oscillator
A 1.03 Series	QOS3
A 1.04 Dimension & Type	MHz SMD3225 (3.2 x 2.5 mm) ---
A 1.05 VPE	TR3000
A 1.06 Date Created	2026-04
A 1.07 Last Update	2026-04
O 3.01 Nominal Frequency (Fo)	40.000000 MHz
O 3.02 Supply Voltage (VDD)	1.3 V
O 3.03 Input Current	4 mA
O 3.04 Frequency Stability Over All *	±50 ppm
O 3.05 Operating Temp. Range	-40°C ~ +85°C
O 3.07 Output Logic	HCMOS
O 3.08 Output Load	15pF
O 3.09 "1" Level	0.4 V
O 3.10 "0" Level	VDC - 0.4V
O 3.11 Symmetry	45 / 55
O 3.12 Rise / Fall Time	6ns max.
O 3.13 Output Disable / Enable Delay Time	200 ns
O 3.14 Start-up Time	1 ms / 0.5 ms (t0 when VDC > 1.62 V)

CERTIFICATIONS		
<p>RoHS Compliant</p>	<p>ISO 9001:2000 certified by SGS</p>	<p>ISO 14001:2004 certified by SGS</p>