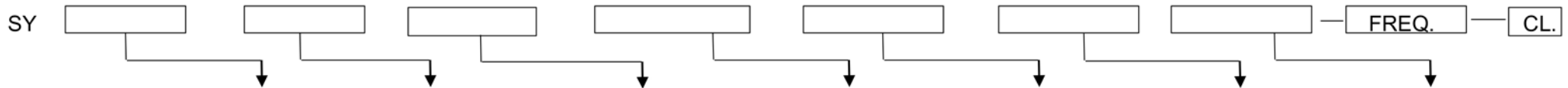


# Quartz Crystal Part Numbering System

Example Code Number : SHINYOUNG SX-32(SMD3225) 26.000MHz 8pF 20/30/-20~70°C

## SYS3A1E3D8-26.000-8



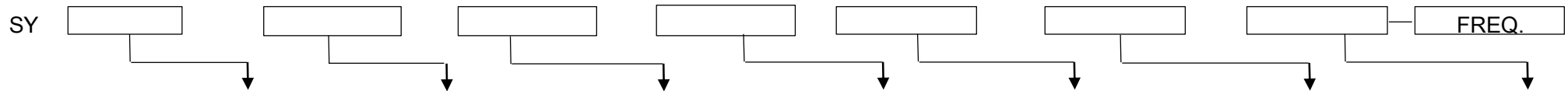
Type	Code	Cut	Code	Mode of vibration	Code	Freq. tolerance at 25°C	Code	Low temp.	Code	High temp.	Code	Temp. stability	Code
HC/49U	SU	AT	A	Fundamental	1	+/-5ppm	A	0°C	1	40°C	A	+/-2.5ppm	1
HC/49S (3.5),(3PIN)	S1, S1-3	BT	B	3'rd overtone	3	+/-7ppm	B	-10°C	2	50°C	B	+/-3ppm	2
HC/25U (2.5),(3PIN)	S2, S2-3	SC	S	5th overtone	5	+/-10ppm	C	-20°C	3	60°C	C	+/-5ppm	3
SX-1 (HC/49SMD[4.5])	SX1			7th overtone	7	+/-15ppm	D	-25°C	4	70°C	D	+/-10ppm	4
SX-3 (HC/25USMD[3.0])	SX2					+/-20ppm	E	-30°C	5	75°C	E	+/-15ppm	5
SX-7(SMD7050)	S7					+/-25ppm	F	-35°C	6	80°C	F	+/-20ppm	6
SX-5(SMD5032)	S5					+/-30ppm	G	-40°C	7	85°C	G	+/-25ppm	7
<b>SX-32(SMD3225)</b>	<b>S3</b>					+/-50ppm	H	-55°C	8	105°C	H	<b>+/-30ppm</b>	<b>8</b>
SX-22(SMD2520)	S2					Custom	Z	Custom	Z	125°C	I	+/-50ppm	9
SX-21(SMD2016)	S1									Custom	Z	Custom	Z



# Quartz Crystal OSC. Part Numbering System

Example Code Number : SHINYOUNG SXO-32(SMD3225) 27.000MHz 3.3V 30PPM/-20~70°C 40/60% N.C

## SYO33E3D11-27.000



Type	Code	Supply Voltage	Code	Freq.tolerance at 25°C	Code	Low temp.	Code	High temp.	Code	Symmetry	Code	Pin 1 Connection	Code
SXO-7(SMD7050)	O7	+1.8 VDC	1	+/-10ppm	A	0°C	1	40°C	A	40/60%	1	N.C	1
SXO-5(SMD5032)	O5	+2.5 VDC	2	+/-15ppm	B	-10°C	2	50°C	B	45/55%	2	Tri-State	2
<b>SXO-32(SMD3225)</b>	<b>O3</b>	<b>+3.3 VDC</b>	<b>3</b>	<b>+/-20ppm</b>	<b>C</b>	<b>-20°C</b>	<b>3</b>	60°C	C	Custom	3		
SXO-22(SMD2520)	O2	+5.0 VDC	5	+/-25ppm	D	-25°C	4	<b>70°C</b>	<b>D</b>				
SXO-21(SMD2016)	O1			<b>+/-30ppm</b>	<b>E</b>	-30°C	5	75°C	E				
SLO-7(SMD7050)	L7			+/-50ppm	F	-35°C	6	80°C	F				
SLO-5(SMD5032)	L5			+/-100ppm	G	-40°C	7	85°C	G				
SPO-7(SMD7050)	P7			Custom	H	-55°C	8	105°C	H				
SPO-5(SMD5032)	P5					Custom	9	125°C	I				
								Custom	Z				