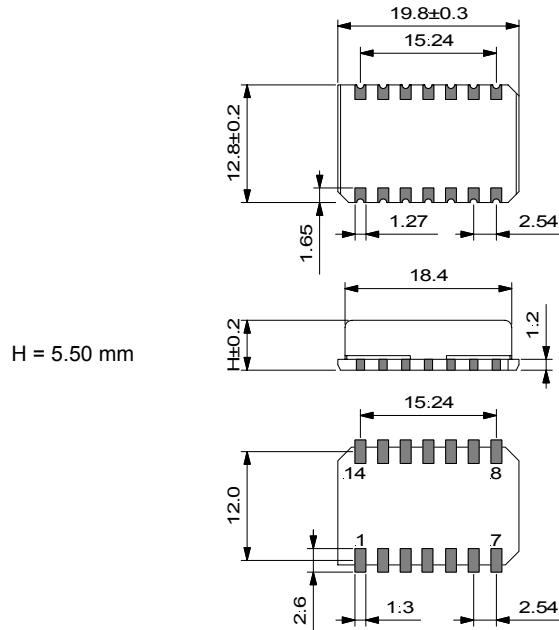


SINE WAVE SURFACE MOUNT PXO
DFN S8-MLS (3.3 V)

KEY FEATURES
<p>300 to 500 MHz</p> <p>± 20 ppm/15 years stability available</p> <p>Analogue frequency multiplication</p>
APPLICATIONS
<p>Microwave transmissions</p>

Function	DFN S8
N/C	1,2,6,9,13
GND	3,4,5,7,10,11,12
Output	8
Vcc	14



TYPE	DFN S8-MLS
Frequency Range	300 to 500 MHz

ELECTRICAL SPECIFICATIONS	
supply voltage	3.3 V ± 5 %
supply current (no load)	≤ 30 mA
output load	Sine wave, 50 Ω ± 10 %
output amplitude	≥ 3 dBm
subharmonics and spurious harmonics	≤ - 40 dBc
	≤ - 20 dBc
start up	≤ 10 ms @ 3.15 V

FREQUENCY STABILITY		stability [ppm] and temperature code							
types	temperature range	stability	code	stability	code	stability	code	stability	code
all types	0 to 70°C	± 20	XB20	± 25	XB25	± 50	XB50	± 100	XB100
	-40 to 85°C	± 25	XE25	± 50	XE50	± 75	XE75	± 100	XE100
remark		includes calibration at 25°C, temperature, ageing, Vcc and load changes 1 st year							

OPTIONS			
stability over long life time	A = 5 years	B = 10 years	C = 15 years

ORDERING CODE	type + option code + frequency + stability / temperature code
Example	DFN S8-MLS 500 MHz XB20

REMARK	Please consult factory for life time/stabilities possible combinations
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