

L13 SERIES

● FEATURES

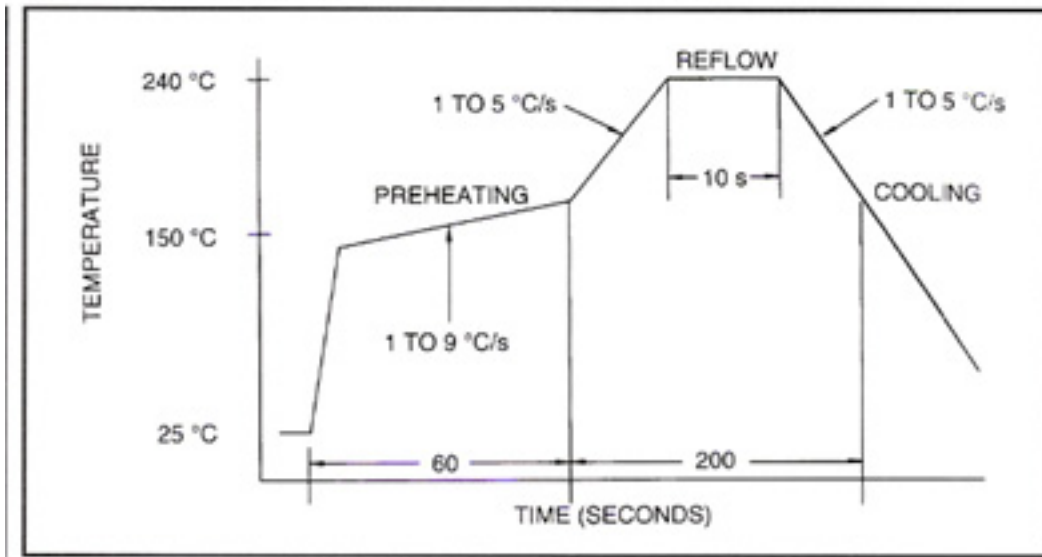
- * ALSO AVAILBLE IN ULTRA-THIN 1.0mm HEIGHT
- * TIGHT TOLERANCE AND STABILITY TO ± 10 PPM
- * WIDE FREQUENCY RANGE

● SPECIFICATIONS

FREQUENCY RANGE	14.00 MHz TO 90.00 MHz
MODE OF OSCILLATION	(14.00 TO 40.320 MHz)FUNDAMENTAL (40.00 TO 90.00MHz)THIRD OVERTONE
MFREQUENCY TOLERANCE AT 25	50 PPM MAXIMUM(± 10 PPM. ± 30 PPM AVAILABLE)
FREQUENCY STABILITY OVER TEMPERATURE	50 PPM MAXIMUM(± 10 PPM. ± 30 PPM AVAILABLE)
OPERATING TEMPERATURE RANGE	-10 TO +60 STANDARD -30 TO 85 EXTENDED
STORAGE TEMPERATURE RANGE	-30 TO +85
AGING	± 5 PPM PER YEAR MAX.
LOAD CAPACITANCE	12pF TO 32pF OR SERIES
EQUIVALENT SERIES RESISTANCE(ESR)	SEE TABLE
SHUNT CAPACITANCE	7.0pF MAXIMUM
DRIVE LEVEL	1uW TO 100 uW
REFLOW CONDITIONS	240 FOR 10s MAX 2 REFLOW MAX

FREQUENCY (FUND)	ERS(OHM) MAX	FREQUENCY (FUND)	ESR(OHM) MAX	FREQUENCY 3RD O/T	ESR(OHM) MAX
14.31818	45	24.00	35	40.00	65
14.7456	45	24.576	35	40.320	65
15.00	45	27.00	35	44.2368	65
15.360	45	28.00	35	52.416	65
16.00	35	28.63636	35	56.448	65
16.9344	35	29.4912	35	66.667	80
18.432	35	32.00	35	70.00	80
19.6608	35	36.00	35	80.00	80
20.00	35	40	35	90.00	80
23.040	35	40.320	35		

● SOLDER REFLOW PROFILE

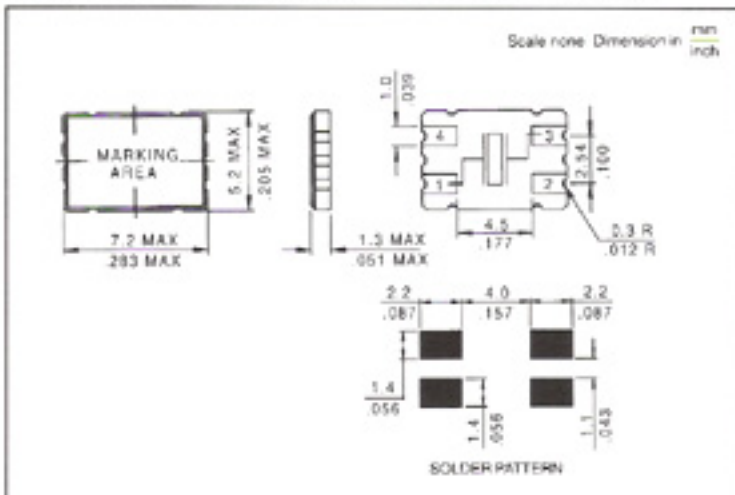


● PART NUMBERING SYSTEM

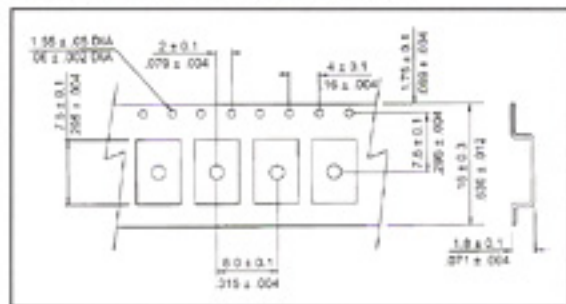
HOLDER TYPE	FREQUENCY	LOAD CAPACITANCE	MODE		EXTENDED TEMPERATURE	TAPE AND REEL
			FUND	FUNDAMENTAL		
L13	IN MHz	16 TO 32pF FOR PARALLELS FOR SERIES	30T	THIRD OVERTONE	EXT	T

EXAMPLE: L13-24.576-18-T

● OUTLINE DRAWING CARRIER TAPE DIMENSIONS



● CARRIER TAPE DIMENSIONS



● PACKAGING

255mm REEL DIAMETER
 16mm TAPEWIDTH, 8mm PITCH
 QUANTITY: 2000 PIECES PER REEL