

SURFACE MOUNT MICROPROCESSOR CRYSTAL

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RH100-26.000-12-F-1010-TR

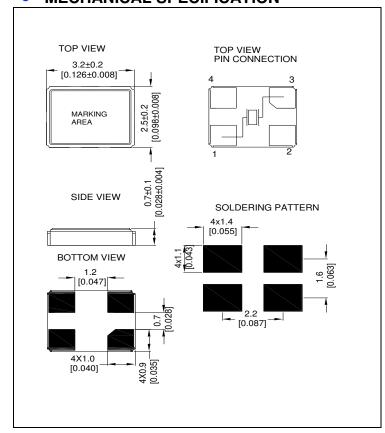
SPECIFICATIONS

PARAMETER	VALUE	
FREQUENCY RANGE	26.000 MHz	
MODE OF OSCILLATION	Fundamental	
FREQUENCY TOLERANCE AT 25°C	±10 ppm max	
FREQUENCY STABILITY OVER TEMPERATURE	±10 ppm max	
OPERATING TEMPERATURE RANGE	-20°C to +70°C	
STORAGE TEMPERATURE RANGE	-40°C to +85°C	
AGING	±2 ppm per year max	
LOAD CAPACITANCE	12 pF	
EQUIVALENT SERIES RESISTANCE	60 Ω	
SHUNT CAPACITANCE	3.5 pF max	
DRIVE LEVEL	200 μW max	

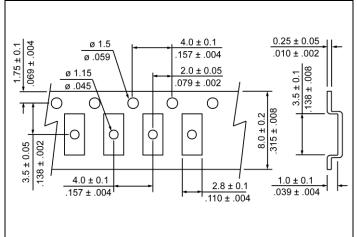


Photo is not actual part

MECHANICAL SPECIFICATION



CARRIER TAPE DIMENSIONS



NOTE: REFER TO EIA-481 FOR DIMENSIONS

PACKAGING

178 mm REEL DIAMETER 8 mm TAPE WIDTH, 4 mm PITCH QUANTITY: 3000 PIECES PER REEL

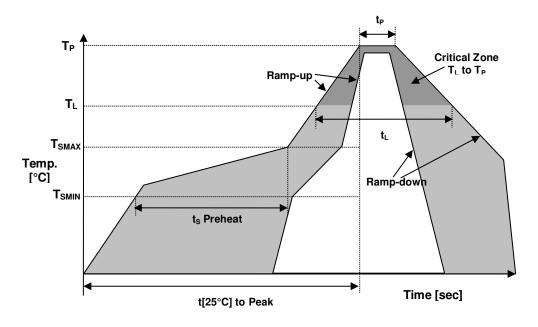
IN ACCORDANCE WITH EIA-481



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REFLOW PROFILE



Reflow profile				
Temperature Min Preheat	T _{SMIN}	125°C		
Temperature Max Preheat	T _{SMAX}	150°C		
Time (T _{SMIN} to T _{SMAX})	t _S	30-60 sec.		
Temperature	T∟	217°C		
Peak Temperature	T _P	260°C		
Ramp-up rate	R _{UP}	3°C/sec max.		
Ramp-down rate	R _{DOWN}	6°C/sec max.		
Time within 5°C of Peak Temperature	t _P	10 sec.		
Time t[25°C] to Peak Temperature	t[25°C] to Peak	480 sec.		
Time	t _L	60-150 sec.		

ENVIRONMENTAL

PARAMETER	VALUE
MOISTURE SENSITIVITY LEVEL	1
RoHS	Compliant
REACH SVHC	Compliant
HALOGEN-FREE	Compliant
ESD CLASSIFICATION LEVEL	N/A
TERMINATION FINISH	Au





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MARKING

R26.000 xxJEyw

x - Internal Production ID code

y – Year code

w – Week code

YEAR CODE		
Year	Code	
2011	1	
2012	2	
2013	3	
2014	4	
2015	5	
2016	6	
2017	7	
2018	8	
2019	9	

	ALPHA WEEK CODE TABLE				
Week	Code	Week	Code	Week	Code
1	a	19	s	37	K
2	b	20	t	38	L
3	c	21	u	39	M
4	d	22	v	40	N
5	e	23	w	41	О
6	f	24	X	42	P
7	g	25	у	43	Q
8	h	26	Z	44	R
9	i	27	A	45	S
10	j	28	В	46	T
11	k	29	C	47	U
12	1	30	D	48	V
13	m	31	E	49	W
14	n	32	F	50	X
15	O	33	G	51	Y
16	р	34	Н	52	Z
17	q	35	I		
18	r	36	J		

APPROVAL

DRAWN BY	KJackson, March 5, 2015	
APPROVED BY	KJackson, March 5, 2015	
REVISION	A, Initial Release	
	B, Updated to current spec levels	
	by XLiu, September 11, 2019	

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