



RESONATORS UNIT

HERC31 – ZTA & ZTT CERAMIC SMD RESONATORS



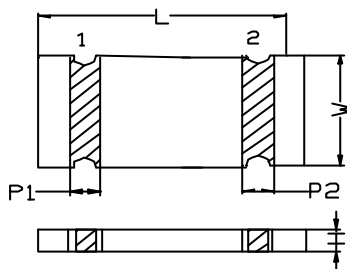
FEATURES

Excellent Environmental Resistance
 Low Resonant Impedance; Low Cost

ALTERNATIVE CODE

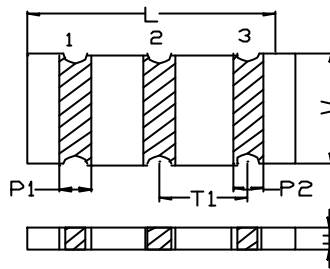
- A For ZTA
 - B For ZTT

PART NUMBER	FREQUENCY RANGE (MHz)	FREQUENCY ACCURACY (%)	STABILITY IN TEMPERATURE (-20 ~ 80)	AGING RATE TEN YEAR(%)
ZTACC MG ZTTCC MG	2.00 ~ 8.00	± 0.5	± 0.3	± 0.3
ZTACS/CV MT/MX ZTTCS/CV MT/MX	7.00 ~ 13.00 13.01 ~ 50.00	± 0.5	± 0.4 ± 0.3	± 0.3



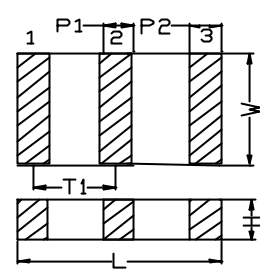
1	Input
2	Output

ZTA



1	Input
2	Ground
3	Output

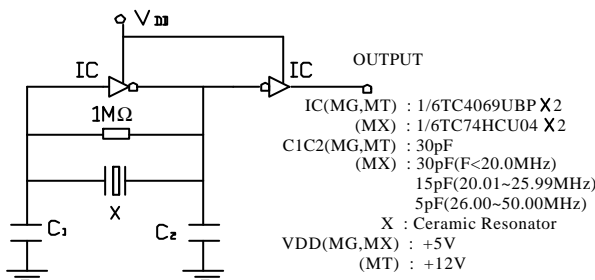
ZTT CC MG



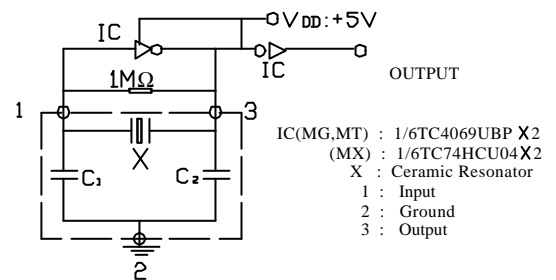
1	Input
2	Ground
3	Output

ZTT CS/CV MT/MX

PART NUMBER	DIMENSIONS(mm)					
	L	W	H	P1	P2	T1
ZTACC MG ZTTCC MG	7.4 ± 0.3	3.4 ± 0.3	1.8 ± 0.3	1.2 ± 0.3	1.2 ± 0.3	2.5 ± 0.3
ZTACS MT/MX ZTTCS MT/MX	4.7 ± 0.2	4.1 ± 0.2	1.6 ± 0.3	1.0 ± 0.4	0.8 ± 0.4	1.95 ± 0.2
ZTACV MT/MX ZTTCV MT/MX	3.7 ± 0.2	3.1 ± 0.2	1.2 ± 0.3	0.9 ± 0.3	0.7 ± 0.3	1.5 ± 0.2



ZTA SMD

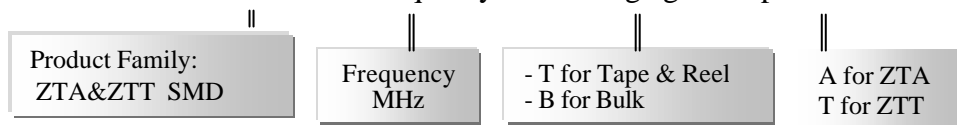


ZTT SMD

TEST CIRCUIT

PART NUMBERING-ORDERING OPTION:

HERC31 - Frequency - Packaging - Option



Part Numbering Example : HERC31-2.500MHz-B