SURFACE MOUNT MONOLITHIC CRYSTAL FILTER

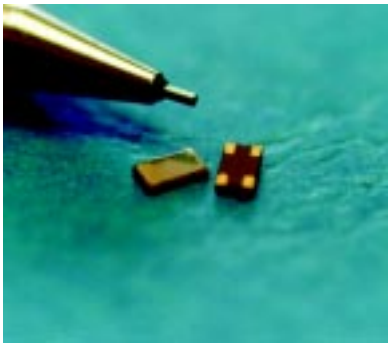
SERIES F10

FEATURES

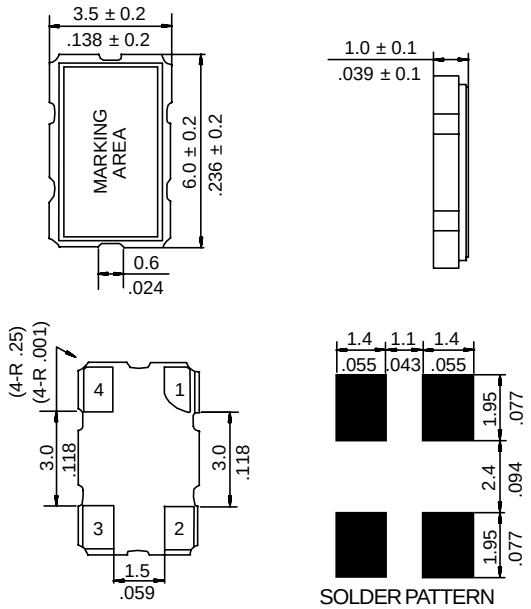
- 1.1 mm MAXIMUM HEIGHT
- EXCELLENT STABILITY OVER TEMPERATURE
- TAPE AND REEL PACKAGING

SPECIFICATIONS

FREQUENCY RANGE	20.00 MHz TO 45.00 MHz
PASS BANDWIDTH AT 3dB	± 10 KHz MIN
ATTENUATION BANDWIDTH AT 10dB	± 25 KHz MAX
RIPPLE	0.5 dB MAX
INSERTION LOSS	2.0 dB MAX
GUARANTEED ATTENUATION	AT Fo - 910 KHz 70 dB MIN
TERMINAL IMPEDANCE	SPECIFIC TO PRODUCT MODEL
OPERATING TEMP. RANGE	-20°C TO +70°C



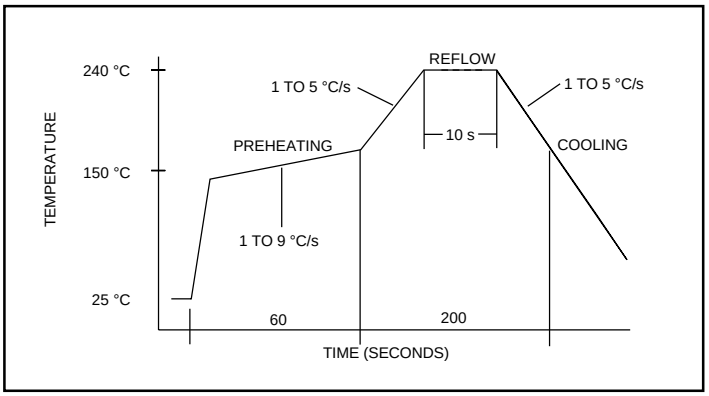
OUTLINE DRAWING



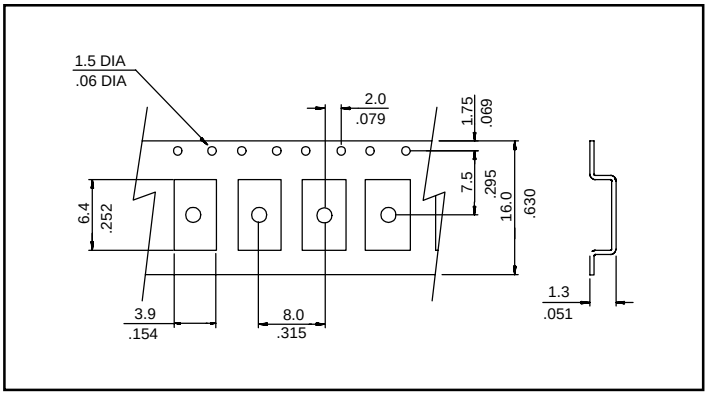
PIN CONNECTION

F10	
PIN	FUNCTION
1	GND
2	OUT/IN
3	GND
4	IN/OUT

SOLDER REFLOW PROFILE



CARRIER TAPE DIMENSIONS



PACKAGING

180 mm REEL DIAMETER,16 mm TAPE WIDTH, 8 mm PITCH
QUANTITY: 1000 PIECES PER REEL

PART NUMBERING SYSTEM

SERIES	-	FREQUENCY	MODE	PASS BANDWIDTH	POLES
F10		IN MHz	F: FUNDAMENTAL M: THIRD OVERTONE	±10 KHz = 20	A = 2 POLES

EXAMPLE: F10-21.4-T

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