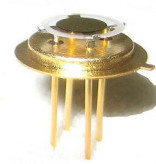




LAP-TECH INC.

"Focused on Frequency"



TO5L-36 LOW PROFILE COLD WELD CRYSTAL

NEW PRODUCT ADVISORY APRIL 2007

Lap-Tech is adding to its line of high reliability resonators with the incorporation of a new low profile cold weld package.

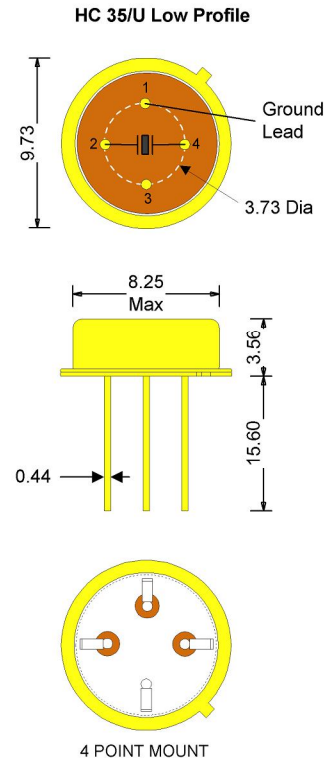
At only 3.6 mm high, this package has all the high performance characteristics of the Cold Weld TO5 package except for the lead pitch which is narrower.

The smaller pitch radius of the mounting posts allows for a longer, less stiff mounting tab. This is expected to be beneficial in reducing stresses in higher frequency crystals.

All surfaces are gold plated except the mounting tabs, which are 200 Nickel.

This allows the option of heat sealing using our latest batch sealing technique.

Leads can be tinned with lead free solder, all units are RoHS compliant.



AT & SC CUT RESONATOR MODES	FREQUENCY RANGES	TYPICAL SC Cut Q
FUNDAMENTAL	8 MHz	500 K
	25 MHz	220 K
OVERTONE 3	25 MHz	300 K
	60 MHz	180 K
OVERTONE 5	60 MHz	300 K
	130 MHz	100 K

MATERIAL LIST

Lid: OHFC Copper
Gold Flash

Base: 30/70 Copper clad Kovar
Gold Flash

Leads: F-15 Alloy Kovar
Gold Flash

Glass: 7052

Other frequencies and ranges are available on request.

For a quote or samples contact:

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