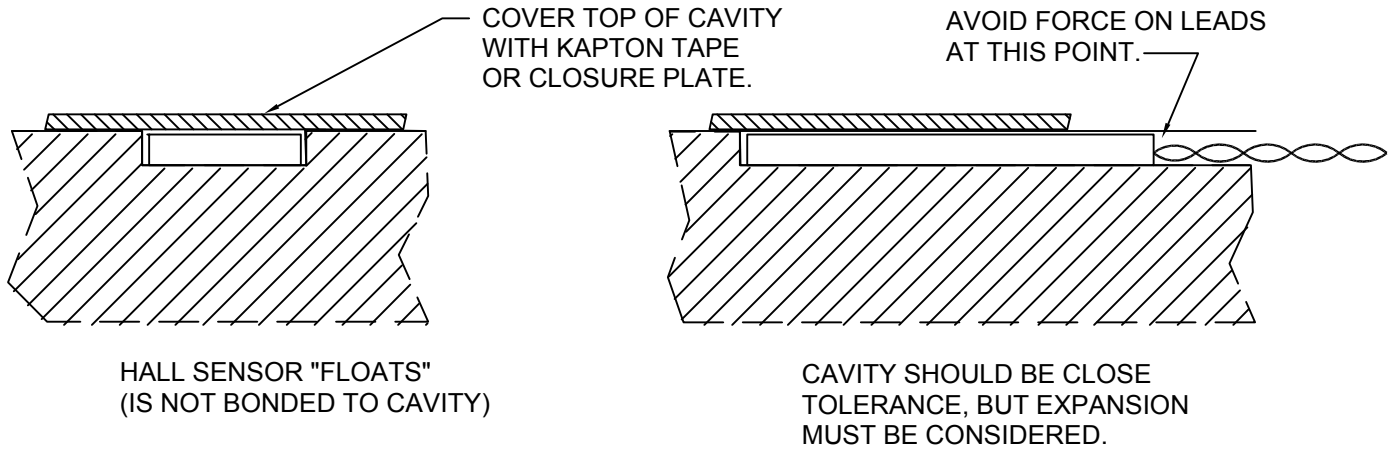


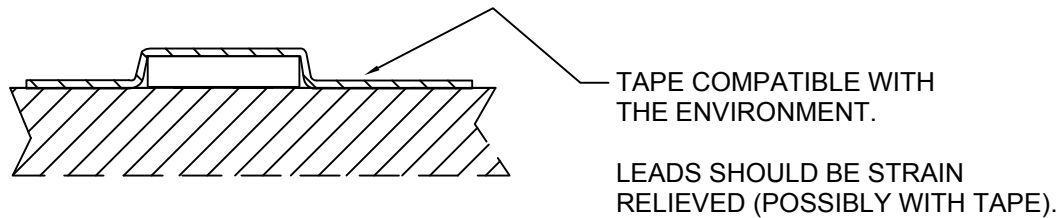
A CERAMIC-CASED TRANSVERSE CRYOGENIC HALL SENSOR CAN BE MOUNTED SEVERAL WAYS, SOME BETTER THAN OTHERS.

1. CAVITY MOUNT

THE IDEAL METHOD IS TO MOUNT THE SENSOR IN A PRE-MACHINED CAVITY. THIS ALLOWS THE DEVICE TO "FLOAT", MINIMIZING EXPANSION STRESSES.



2. TAPE MOUNT ON SURFACE




3. BOND TO SURFACE WITH ADHESIVE



SOME PRACTICES TO AVOID:

- DO NOT COMPLETELY POT THE SENSOR WITH EPOXY OR OTHER POTTING COMPOUNDS..
- DO NOT APPLY FORCE TO THE LEADS. THEY CAN BREAK QUITE EASILY.

UNLESS OTHERWISE SPECIFIED: -DIMENSIONS ARE IN INCHES -DO NOT SCALE DRAWING	 LakeShore CRYOTRONICS, INC.	
	DWG. NAME: MOUNTING A TRANSVERSE CRYOGENIC HALL SENSOR	
FILE NAME: CRYOMTGTR	DRAWN BY: J.D. DATE: 10 JUN 03	DWG. #:
LAST UPDATE:	CHECKED: DATE:	LSCI PART #:
	APPROVED: DATE:	SCALE: NONE PAGE 1 OF