



- NOTES: (UNLESS OTHERWISE SPECIFIED)
1. INTERPRET DRAWING PER ANSI Y14.5M-1982.
 2. ALL LOCATING DIMENSIONS ON DRAWING ARE BASIC.
 3. MACHINE PROTRUDING END OF ITEM 1 (THREADED INSERT) FLUSH WITH FACE WITHIN .005-.010 INSIDE OF PART TO NOTED DIAMETER. OPT. MACHINE ITEM 1 TO .325-.335 LENGTH BEFORE INSTALLATION TO AVOID PROTRUSION.
 4. PERMANENTLY MARK AS SHOWN USING 3/8 HIGH X .010 DEEP CHARACTERS.
 5. PERMANENTLY MARK APPROX. WHERE SHOWN USING 1/8 & 1/4 HIGH X .010 DEEP CHARACTERS.
 6. FOR VENDOR INFORMATION, SEE TOP ASSEMBLY MATERIALS LIST D970006 OR D970007.

IMPORTANT:
REFER TO LIGO-E970034 FOR INSTRUCTIONS ON REMOVAL, REPLACEMENT, AND GENERAL HANDLING OF OPTIC IN THIS CARRIER.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

TOLERANCES:
FRACTIONAL ±
ANGULAR ±0.5°
ANGULAR MACH ± BEND ±
TWO PLACE DECIMAL ±.03

THREE PLACE DECIMAL ±.005
FINISHED SURFACE 32 MICROINCH AVERAGE
BREAK CORNERS IN .005-.010
REMOVE ALL BURRS

MATERIAL:
6061 ALU TOOLING PLATE
3/8 THICK

HEAT TREAT:
T6 PER AMS 2770

FINISH:

REF.	QTY.	PART or DRWG No.	NOMENCLATURE or DESCRIPTION	MATERIAL
1	9	KEENSERT #KN420J	1/4-20 THREADED INSERT, NON-LOCKING	SS

REV	DESCRIPTION	DCC	SYS	DET	CDS	VE	CC	BT	CHECK	DRWN	DATE
B	DCN E970062									CONLEY	5-9-97
A	DCN E960157									COYNE	2-14-97
00	RELEASE FOR FAB									CONLEY	1-9-97

DWG. NO.	DESCRIPTION	USED ON:	NEXT ASS'Y:
	REFERENCE DRAWINGS		D961468

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
CORE OPTIC COMPONENT CARRIER METROLOGY INTERFACE TOP PLATE	
CAD FILE D961467-B.dwg	SIZE DWG NO. B D961467-B-D
SCALE NTS	SHEET 1 OF 1