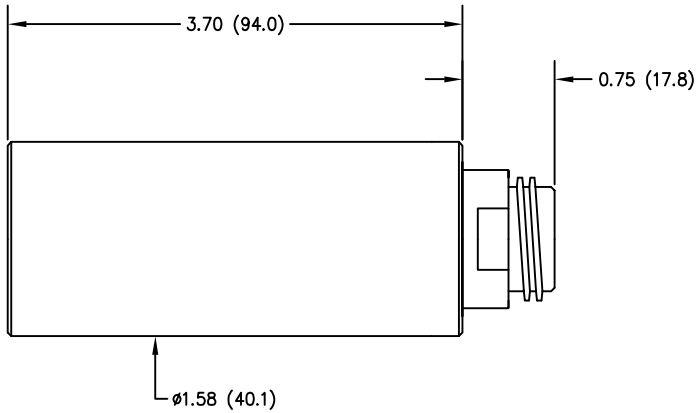
NOTES:

1. MATERIAL: 6AL/4V TITANIUM, SAPPHIRE, DELRIN
2. WEIGHT: IN AIR 0.34 kg (12 oz.)
   IN WATER 0.23 kg (8oz.)
3. OPERATING DEPTH: 4,000 METERS (13,123 ft)
4. TEMPERATURE: OPERATING −5°C TO 50°C (23°F TO 122°F)
   STORAGE −20°C TO 71°C (−4°F TO 160°F)
5. ELECTRICAL: CAMERA POWER +12Vdc to +30Vdc
   VIDEO OUTPUT 1.0 V pp COMPOSITE
6. RESOLUTION: 430 HORIZONTAL TVL, 60Hz
   430 HORIZONTAL TVL, 50Hz
7. SENSOR: 1/3" CCD
8. LENS: 2.9mm WIDE ANGLE, CCD IRIS
9. FIELD ANGLE: DIAGONAL − 73°
   HORIZONTAL − 61°
   VERTICAL − 48°
10. FOCUS RANGE: 10 IN. (254mm) TO INFINITY, FIXED FOCUS

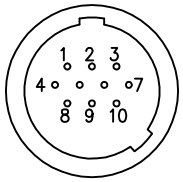
11 CAMERA CONNECTOR: SEACON MINK−10−BCR

REV	DESCRIPTION	BY	DATE	ZONE
A	PRODUCTION RELEASE	T.O.	11/99	
B	LENS WAS 2.5mm	MHS	1/00	B4
C	PIN 5 WAS N/C	BG	11/00	B1

PIN	DESIGNATION
1	N/C
2	N/C
3	VIDEO SHIELD/POWER COMMON
4	N/C
5	17Vdc to 30Vdc CAMERA POWER
6	12Vdc CAMERA POWER
7	N/C
8	COMPOSITE VIDEO
9	N/C
10	N/C



MINK−10−BCR
CONNECTOR FACE VIEW



INSTALLATION DRAWING

INSITE PACIFIC Inc

SOLANA BEACH * CALIFORNIA * U.S.A. * TEL: 858-523-0642

UNLESS OTHERWISE SPECIFIED:

TOLERANCES:
.XX~ : ±.02
.XX : ±.01
.XXX : ±.005
HOLES : ±.003
ANGULAR : ±0.5°
FRACTIONAL : ±1/64

SURFACE FINISH 63
ALL DIMIENSIONS ARE IN INCHES (MM)
REMOVE ALL BURRS
BREAK ALL SHARP EDGES .02 − .03
DIMENSIONS APPLY BEFORE PLATING
DO NOT SCALE DRAWING

QTY PER	NEXT ASSEMBLY	USED ON APPLICATION
1	IT11003T	IT1000

MATERIAL: NOTED
SPECIFICATION: MBARI
FINISH: NOTED
PLATING: NONE

ENG: G.H.
DRAW: M.SPEARMAN
CHECKED:
APPROVED:

IT10003T − MINIATURE B&W WIDE ANGLE
4,000 METER ; MIN−K−10−BCR

SIZE	DRAWING NO.	REV
B	IT11503T	C

DATE	SCALE	SHEET	OF
11/99	1 = 1	1	1