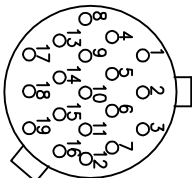
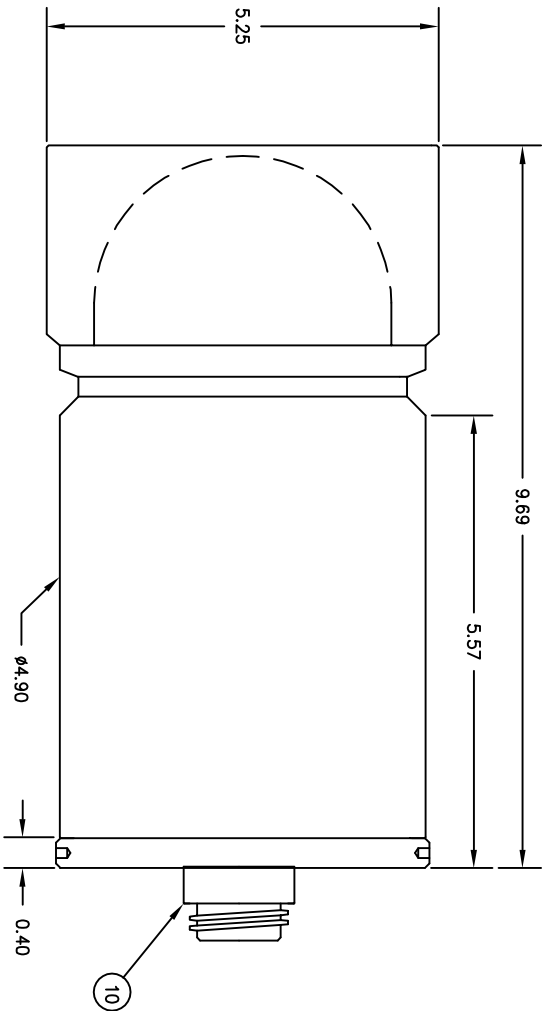


REV	DESCRIPTION	BY	DATE	ZONE
A	PRODUCTION RELEASE	B.G.	12/02	

- NOTES:
- PRESSURE HOUSING MATERIAL: 6AL/4V TITANIUM, GLASS, PVC
 - WEIGHT: IN AIR 5.67 kg (12.5 lb.)
IN WATER 2.95 kg (6.5 lb.)
 - OPERATING DEPTH: 6,000 METERS (19,685 ft)
 - TEMPERATURE: OPERATING 0°C TO 40°C (32°F TO 104°F)
 - ELECTRICAL: CAMERA POWER 12 TO 30VDC @ 600 mA
VIDEO OUTPUT 1.0 V PP COMPOSITE (NTSC OR PAL)
 - PICTURE STORAGE: TYPE 1 OR TYPE 2 COMPACT FLASH CARD
 - SENSOR: 1/1.8" HIGH DENSITY CCD, 3.34 MILLION PIXELS
 - LENS: 4x ZOOM-NIKKOR, f = 8 - 32mm
 - APPROXIMATE FOCUS RANGE: 4" (101.6mm) TO INFINITY (FULL WIDE)
5" (127mm) TO INFINITY (FULL TELE)
 - CAMERA CONNECTOR: SEACON MINK-19-BCR



PIN	DESCRIPTION
1	+12V to +30V POWER
2	12V RETURN
3	12V SHIELD/FRAME GND
4	USB SHIELD (PICTURE DOWNLOAD)
5	STROBE TRIGGER
6	RS485 SHIELD (GUI)
7	RS485 DATA+ (GUI)
8	USB DATA+ (PICTURE DOWNLOAD)
9	USB RETURN (PICTURE DOWNLOAD)
10	STROBE GND
11	RS485 DATA- (GUI)
12	RS485 RETURN (GUI)
13	USB DATA- (PICTURE DOWNLOAD)
14	VIDEO SHIELD
15	n/c
16	n/c
17	COMPOSITE VIDEO
18	STROBE STOP
19	n/c

UNLESS OTHERWISE SPECIFIED:

TOLERANCES:

XX~ : ±.02

XX : ±.01

XXX : ±.005

HOLES : ±.003

ANGULAR : ±0.5°

FRACTIONAL : ±1/64

SURFACE FINISH 63

ALL DIMENSIONS 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 APPLICATION
1		SCORPIO PLUS USED ON

MATERIAL	ENG.
NOTED	B. G.
SPECIFICATION	DRAW
NOTED	B. G.
FINISH	CHECKED
PLATING	APPROVED
NONE	

SIZE	DRAWING NO.	SCALE	SHEET	OF	REV
B	1001023	1 = 1	1	1	A
DATE	12/02				

INSITE PACIFIC Inc

SOLANA BEACH * CALIFORNIA * U.S.A. * TEL: 856-523-0642

SCORPIO PLUS DIGITAL STILL CAMERA

6,000 METER ; MINK-19-BCR CONNECTOR