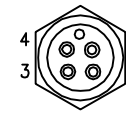


NOTES:

1. PRESSURE HOUSING MATERIAL: 6AL/4V TITANIUM, GLASS, PVC
2. WEIGHT: IN AIR 5.33 kg (11.75 lbs.)
IN WATER 2.78 kg (6.13 lbs.)
3. OPERATING DEPTH: 6,500 METERS (21,325 ft)
4. TEMPERATURE: OPERATING 0°C TO 40°C (32°F TO 104°F)
5. ELECTRICAL: STROBE POWER CONTROL: 7.2VDC to 30VDC @ 2mA
(THIS EXTERNAL DC VOLTAGE TURNS ON POWER TO THE STROBE FROM THE INTERNAL BATTERIES)
INTERNAL BATTERY POWER: QTY FIVE 1.2VDC 2500mA NiMH (6VDC BATTERY PACK)
EXTERNAL POWER IN: 18.5 to 30VDC @ 4.5A (DURING RECHARGE)
6. STROBE POWER RATING: 76 WATT-SECOND
7. STROBE MODE: TTL AUTO FLASH (CONTROLLED BY THE CAMERA) OR X-SYNC (BY GROUNDING THE STROBE TRIGGER PIN)
8. NUMBER OF FLASHES (BATTERY POWER): 150 FLASHES (THE ACTUAL NUMBER DEPENDS ON THE TEMPERATURE AND AMBIENT LIGHTING.)
9. RECYCLING TIME: 4 SECONDS MINIMUM
10. STROBE CONNECTOR: MCBH-4MP
11. STROBE MATE CONNECTOR: MCIL-4FS
12. STROBE CONNECTOR: MCBH-5MP
13. STROBE MATE CONNECTOR: MCIL-5FS

REV	DESCRIPTION	BY	DATE	ZONE
A	PRODUCTION RELEASE	B.G.	7/05	

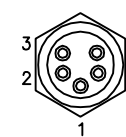
MCBH-4MP
FACE VIEW



CAMERA INPUT CONNECTOR

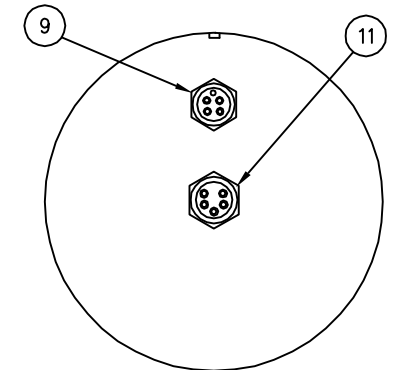
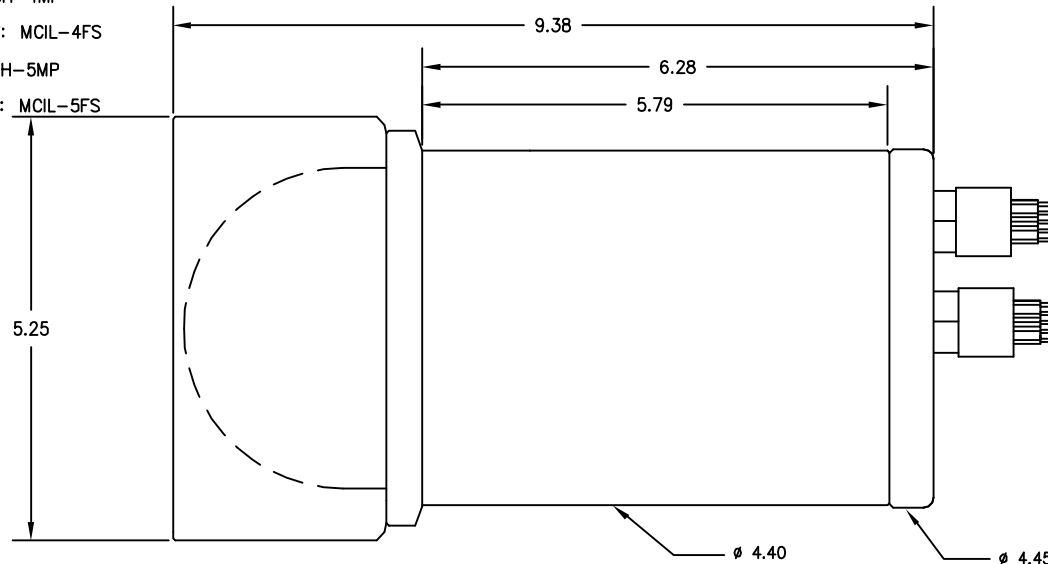
PIN	DESCRIPTION
1	COMMON/SHIELD
2	STROBE TRIGGER
3	STROBE STOP
4	STROBE POWER CONTROL (+12V to +30VDC)

MCBH-5MP
FACE VIEW



EXTERNAL POWER INPUT CONNECTOR

PIN	DESCRIPTION
1	+18.5 TO 30VDC POWER IN
2	+18.5 TO 30VDC POWER IN
3	POWER RETURN
4	POWER RETURN
5	SPARE



UNLESS OTHERWISE SPECIFIED:

TOLERANCES:	SURFACE FINISH
.XX~ : ±.02	ALL DIMENSIONS ARE IN INCHES (MM)
.XX : ±.01	REMOVE ALL BURRS
.XXX : ±.005	BREAK ALL SHARP EDGES .02 - .03
HOLES : ±.003	DIMENSIONS APPLY BEFORE PLATING
ANGULAR : ±0.5°	DO NOT SCALE DRAWING
FRACTIONAL : ±1/64	

1	SCORPIO STROBE
QTY	NEXT ASSEMBLY USED ON
PER	APPLICATION

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

INSITE PACIFIC Inc

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

SCORPIO STROBE
6,500 METER ; INTERNAL/EXTERNAL POWER

SIZE	DRAWING NO.	REV
B	1051023	A
DATE	SCALE	SHEET OF
7/05	1 = 1	1 1