

- NOTES: UNLESS OTHERWISE SPECIFIED
1. INTERPRET DRAWING IAW THE GLOBAL PROFESSIONAL PUBLICATIONS "DRAWING REQUIREMENTS MANUAL", EIGHTH EDITION.
 2. INTERPRET DIMENSIONS AND TOLERANCES IAW ANSI Y14.5M - 1982.
 3. INTERPRET ABBREVIATIONS IAW MIL-STD-12.

⚠ WARNING:
WATER FITTINGS HAVE A CLEAR ID OF .375 INCHES. USING A SLEEVE OR SIMILAR DEVICE INSIDE THE WATER HOSE MAY CAUSE FLUID RESTRICTIONS AND INTERFERENCE WITH THE NORMAL OPERATION OF THE CATHODE AND THEREFORE IS NOT RECOMMENDED.

⚠ WATER CHANNELS ARE SYMMETRICAL THROUGHOUT. ORIENTATION OF WATER INLET OR OUTLET IS NOT CRITICAL.

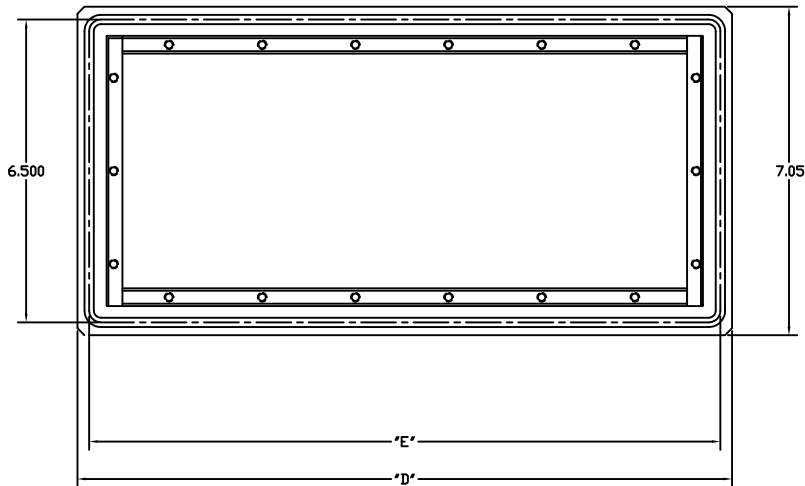
⚠ WARNING:
MINIMUM HOSE LENGTH OF 60" IS REQUIRED TO ENSURE RESISTIVITY RELATIVE TO ELECTRICAL GROUND WITHIN 50 KILO OHMS. TEST CABLE WITH AN OHM METER OR OTHER SUITABLE DEVICE BEFORE USE.

⚠ MULTI-CONTACT-USA:
5560 SKYLANE BLVD.
SANTA ROSA, CA 95403
VOICE: (707) 575-7575
FAX: (707) 575-7373
INTERNET:
www.multi-contact-usa.com

8. FOR PROPER INSTALLATION, OPERATION, AND USE OF THE SUNSOURCE PLANAR MAGNETRON CATHODE(S), SEE MATERIALS SCIENCE, INC. DOCUMENT NUMBER 251091.

⚠ P/N 88040-08 IS AVAILABLE FROM:
ALPHA TECHNOLOGIES
320 PREMIER COURT, SUITE 222
FRANKLIN, TN 37067
TEL: (615) 771-6650
HTTP://WWW.ALPHAFITTINGS.COM

10. ALL FASTENERS ARE METRIC.

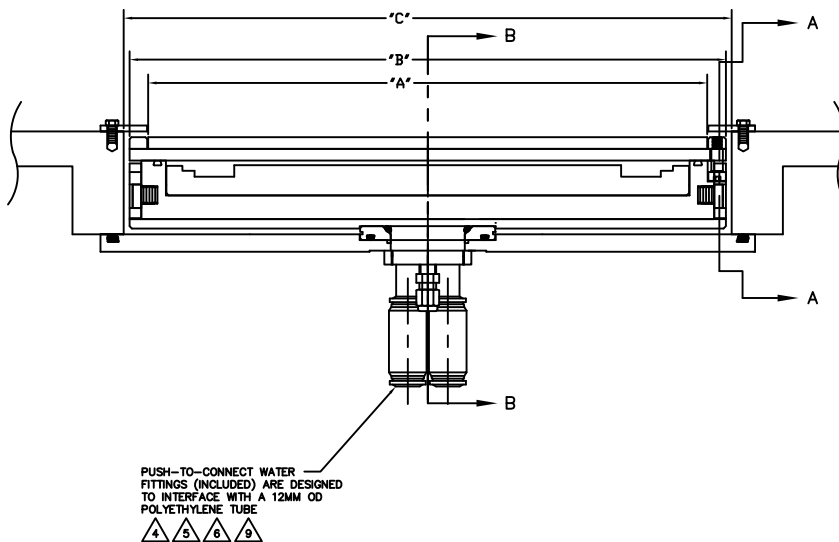


VACUUM SIDE

TARGET LENGTH	"A" DIMENSION	"B" DIMENSION	"C" DIMENSION	"D" DIMENSION	"E" DIMENSION
8	8.000	8.80	9.050	10.05	9.55
10	10.000	10.80	11.050	12.05	11.55
12	12.000	12.80	13.050	14.05	13.55
15	15.000	15.80	19.050	17.05	16.55
20	20.000	20.80	21.050	22.05	21.55

NOTES:

- TARGET DIMENSIONS NOTED IN TABLE ARE FOR COMMON SIZES.
- OTHER TARGET LENGTHS CAN BE ACCOMMODATED.
- LINEAR DIMENSIONS IN TABLE SCALE EXACTLY.
- "E" DIMENSION = 1.55 PLUS TARGET LENGTH

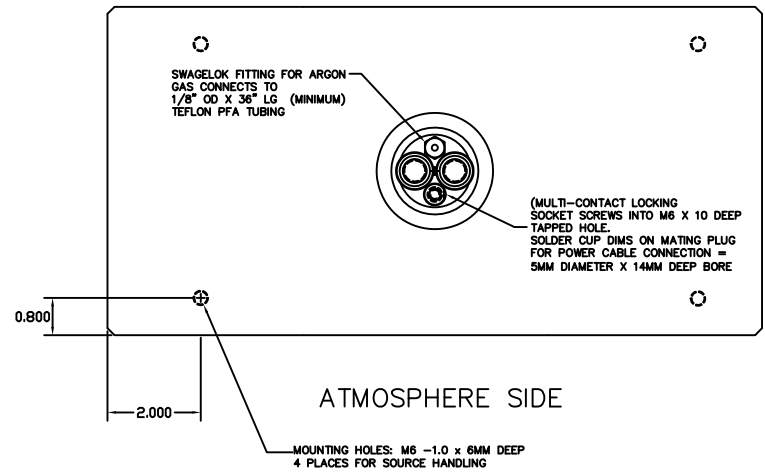
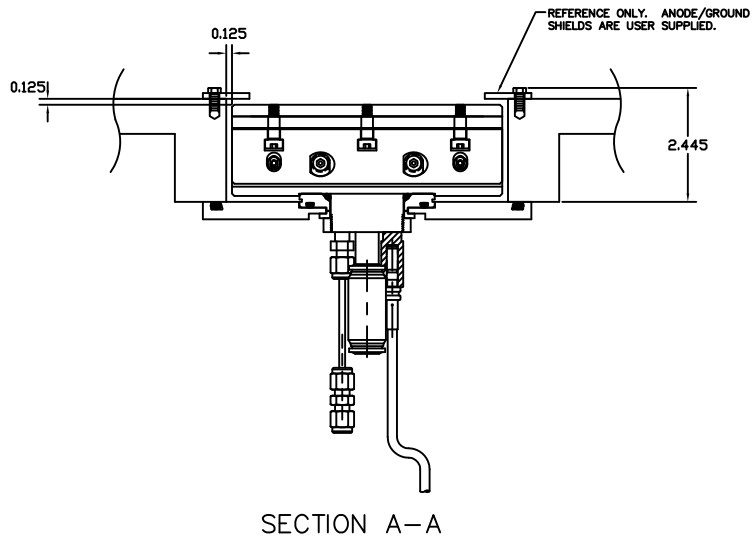
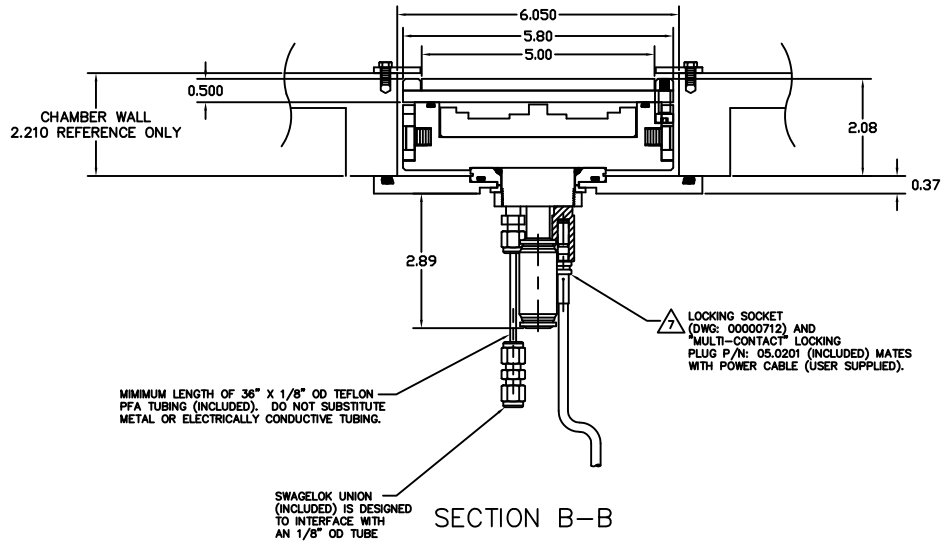


PUSH-TO-CONNECT WATER FITTINGS (INCLUDED) ARE DESIGNED TO INTERFACE WITH A 12MM OD POLYETHYLENE TUBE



QUANTITY FOR ASSEMBLY	CAGE CODE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	ZONE	ITEM NO
			PARTS LIST			
			DATE: J. MILLER 00/04/18			
			MATERIALS SCIENCE, INC. Vacuum and Hot Film Technology			
			SUNSOURCE, 5" WIDE FLANGE MOUNT, KAMLOK, MIN. DIM'S			
			DATE: 1/1			
			00000964			
			DO NOT SCALE DRAWING			

00000964



00000964