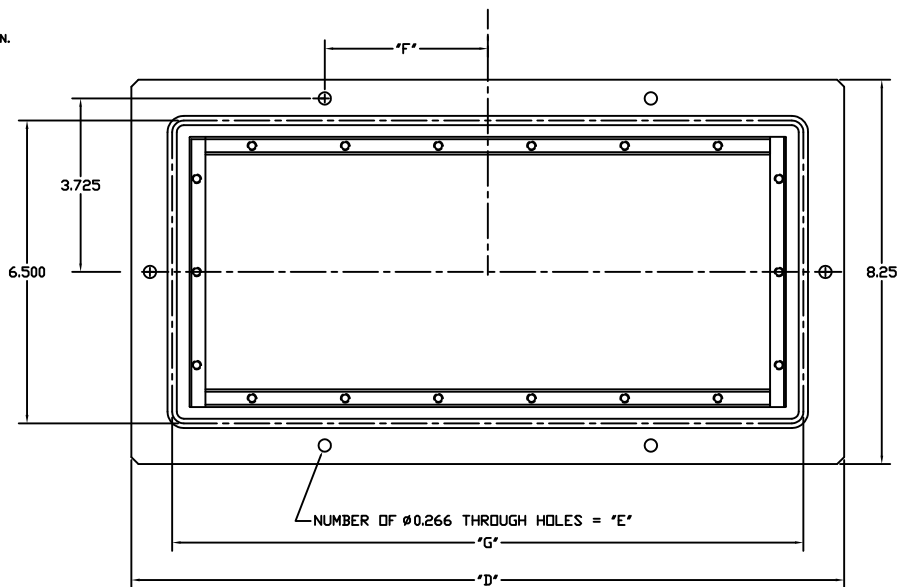
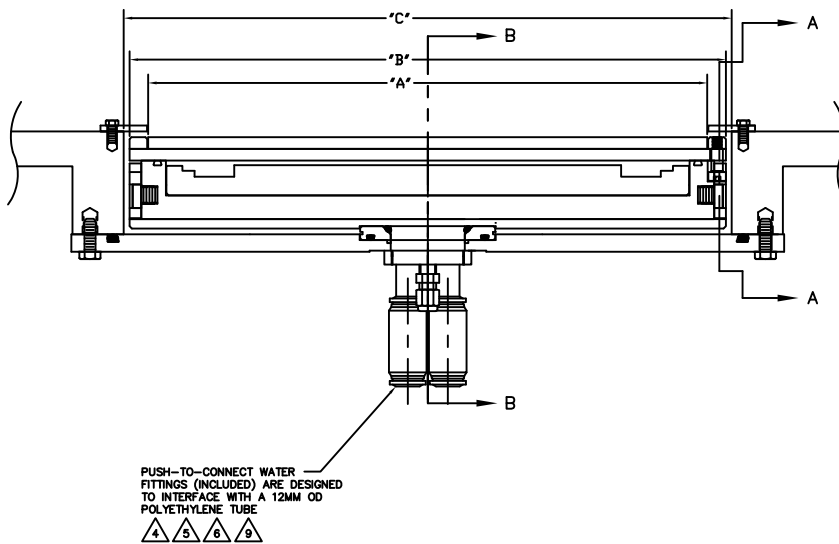


- NOTES: UNLESS OTHERWISE SPECIFIED
1. INTERPRET DRAWING IAW THE GLOBAL PROFESSIONAL PUBLICATIONS "DRAWING REQUIREMENTS MANUAL", EIGHTH EDITION.
 2. INTERPRET DIMENSIONS AND TOLERANCES IAW ANSI Y14.5M - 1982.
 3. INTERPRET ABBREVIATIONS IAW MIL-STD-12.
- WARNING:**
WATER FITTINGS HAVE A CLEAR ID OF .375 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.
- WARNING:**
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
4. FOR PROPER INSTALLATION, OPERATION, AND USE OF THE SUNSOURCE PLANAR MAGNETRON CATHODE(S), SEE MATERIALS SCIENCE, INC. DOCUMENT NUMBER 251091.
 5. 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](http://WWW.ALPHAFITTINGS.COM)
 6. ALL FASTENERS ARE METRIC.



VACUUM SIDE



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

⚠ ⚠ ⚠ ⚠

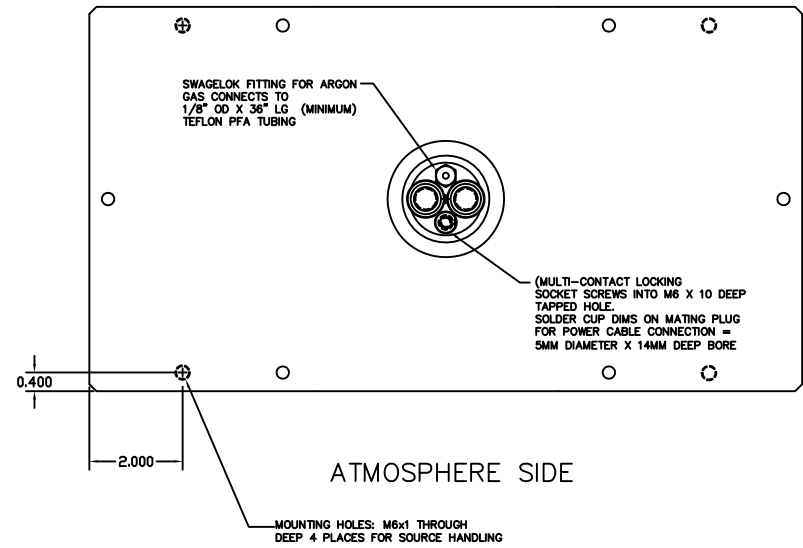
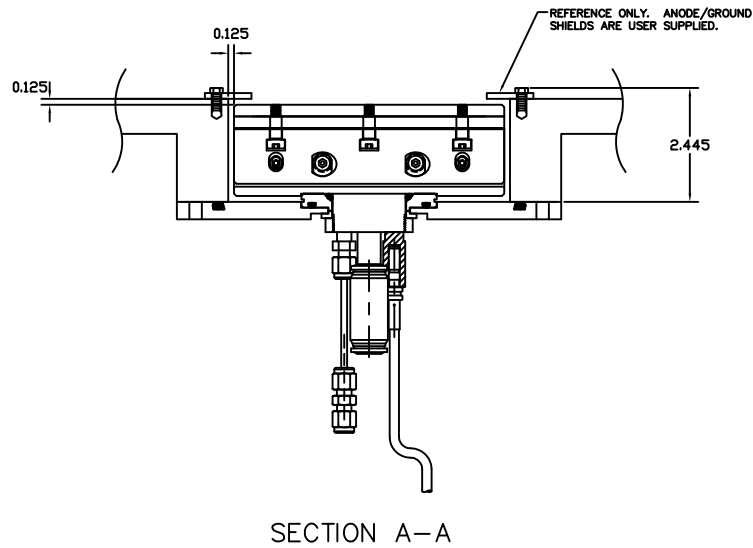
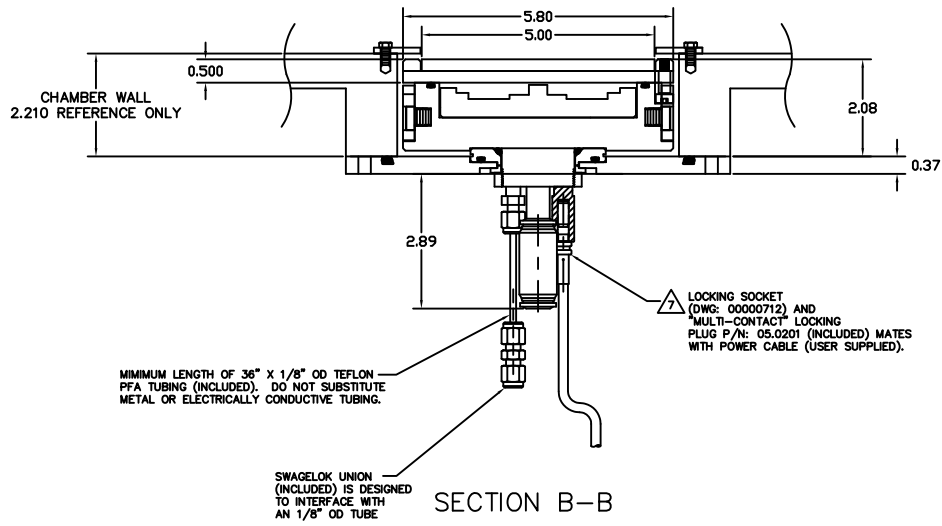
TARGET LENGTH	"A" DIMENSION	"B" DIMENSION	"C" DIMENSION	"D" DIMENSION
8	8000	8.80	9.050	11.30
10	10,000	10.80	11.050	13.30
12	12,000	12.80	13.050	15.30
15	15,000	15.80	19.050	18.30
20	20,000	20.80	21.050	23.30

TARGET LENGTH	"E" DIMENSION	"F" DIMENSION	"G" DIMENSION
8	6 EACH	3.500	9.55
10	6 EACH	3.500	11.55
12	8 EACH	6.000	13.55
15	8 EACH	6.000	16.55
20	8 EACH	6.000	21.55

- NOTES:
- A. TARGET DIMENSIONS NOTED IN TABLE ARE FOR COMMON SIZES.
 - B. OTHER TARGET LENGTHS CAN BE ACCOMODATED.
 - C. LINEAR DIMENSIONS IN TABLE SCALE EXACTLY.
 - D. "G" DIMENSION = 1.55 PLUS TARGET LENGTH

QUANTITY FOR ASSEMBLY	CAGE CODE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	ZONE	ITEM NO
			J. MILLER 00/04/18	MATERIALS SCIENCE, INC. Vacuum and Hot Film Technology		
			SUNSOURCE, 5" WIDE FLANGE MOUNT, KAMLOK, NO ANODES			
			USED ON			00000963
			APPLICATION	DO NOT SCALE DRAWING		1/1

00000963



00000963