

- 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.

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

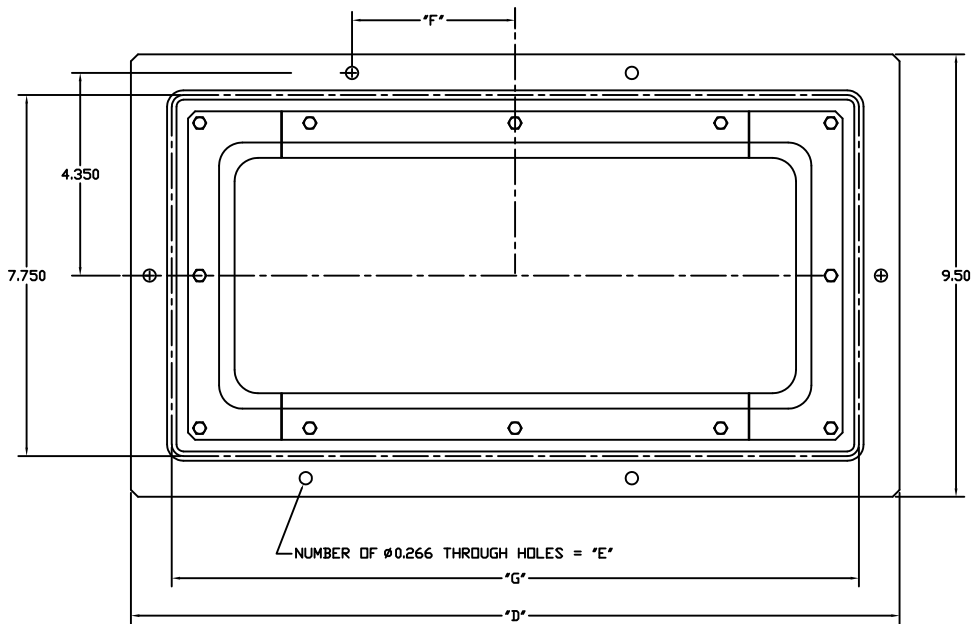
⚠ 6: **WARNING:**
MINIMUM HOSE LENGTH OF 60" IS REQUIRED TO ENSURE RESISTIVITY RELATIVE TO ELECTRICAL GROUND WITHIN 50 KILO OHMS. TEST CABLE WITH AN OHM METER OR OTHER SUITABLE DEVICE BEFORE USE.

⚠ 7: **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.

⚠ 9: 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.

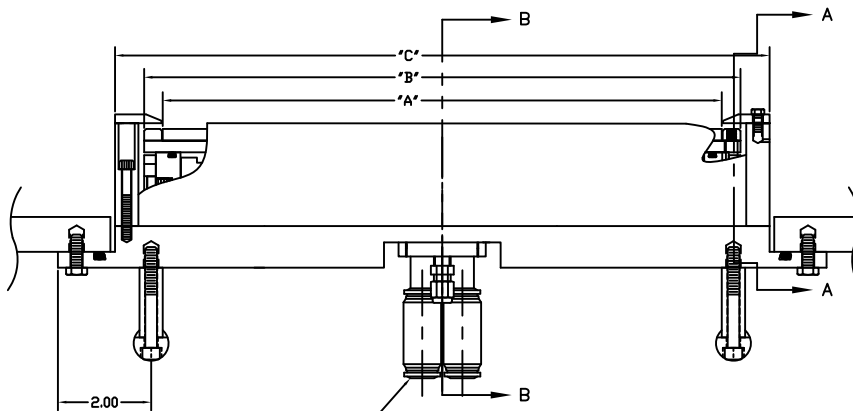


TARGET LENGTH	"A" DIMENSION	"B" DIMENSION	"C" DIMENSION	"D" DIMENSION
8	8000	8.80	10.05	12.50
10	10,000	10.80	12.05	14.50
12	12,000	12.80	14.05	16.50
15	15,000	15.80	17.05	19.50
20	20,000	20.80	22.05	24.50

TARGET LENGTH	"E" DIMENSION	"F" DIMENSION	"G" DIMENSION
8	6 EACH	3.500	10.75
10	6 EACH	3.500	12.75
12	8 EACH	6.000	14.750
15	8 EACH	6.000	17.75
20	8 EACH	6.000	22.75

- NOTES:
- TARGET DIMENSIONS NOTED IN TABLE ARE FOR COMMON SIZES.
 - OTHER TARGET LENGTHS CAN BE ACCOMMODATED.
 - LINEAR DIMENSIONS IN TABLE SCALE EXACTLY.
 - "G" DIMENSION = 2.75 PLUS TARGET LENGTH

VACUUM SIDE

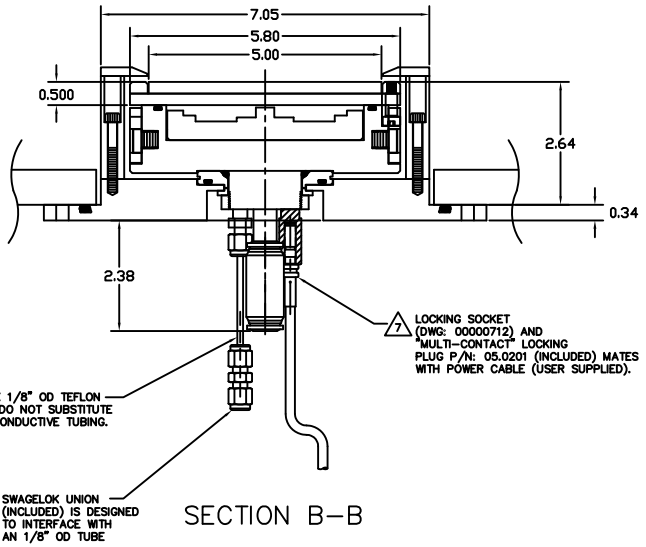


PUSH-TO-CONNECT WATER FITTINGS (INCLUDED) ARE DESIGNED TO INTERFACE WITH A 12MM OD POLYETHYLENE TUBE

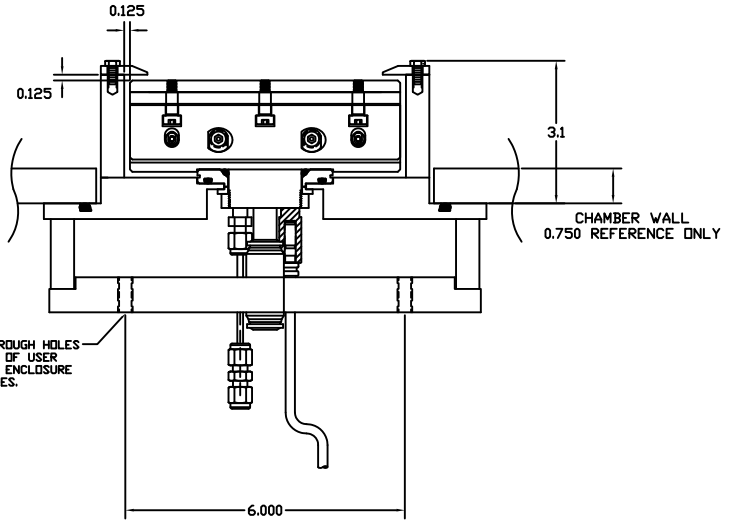
⚠ 4 **⚠ 5** **⚠ 6** **⚠ 9**

QUANTITY FOR ASSEMBLY	CAGE CODE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	ZONE	ITEM NO
			PARTS LIST			
			DATE: 02/04/18 BY: J.MILLER			
			MATERIALS SCIENCE, INC. Vacuum and Thin Film Technology			
			SUNSOURCE, 5" WIDE FLANGE MOUNT, KAMLOK, WITH ANODES			
						00000962
			SCALE: 1/1			2

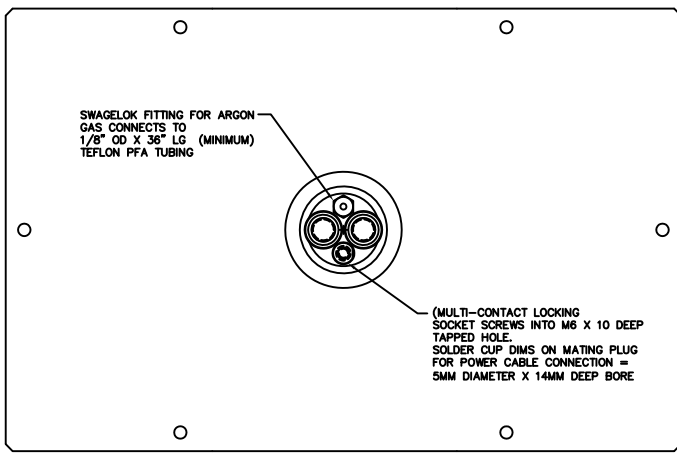
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SECTION B-B



SECTION A-A



ATMOSPHERE SIDE

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