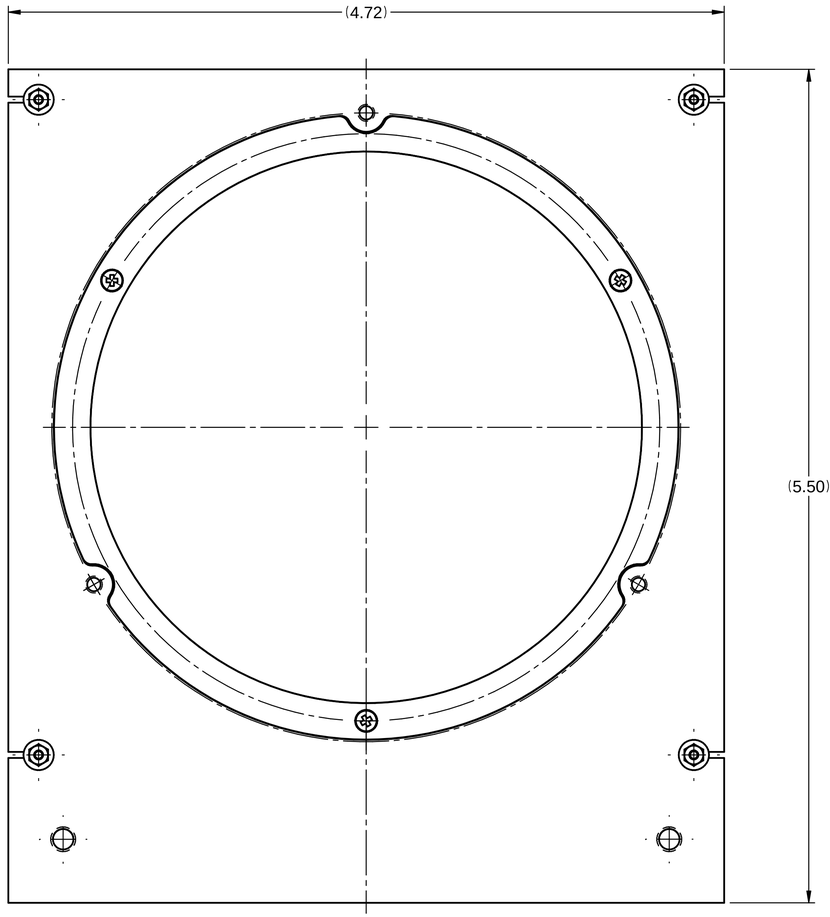
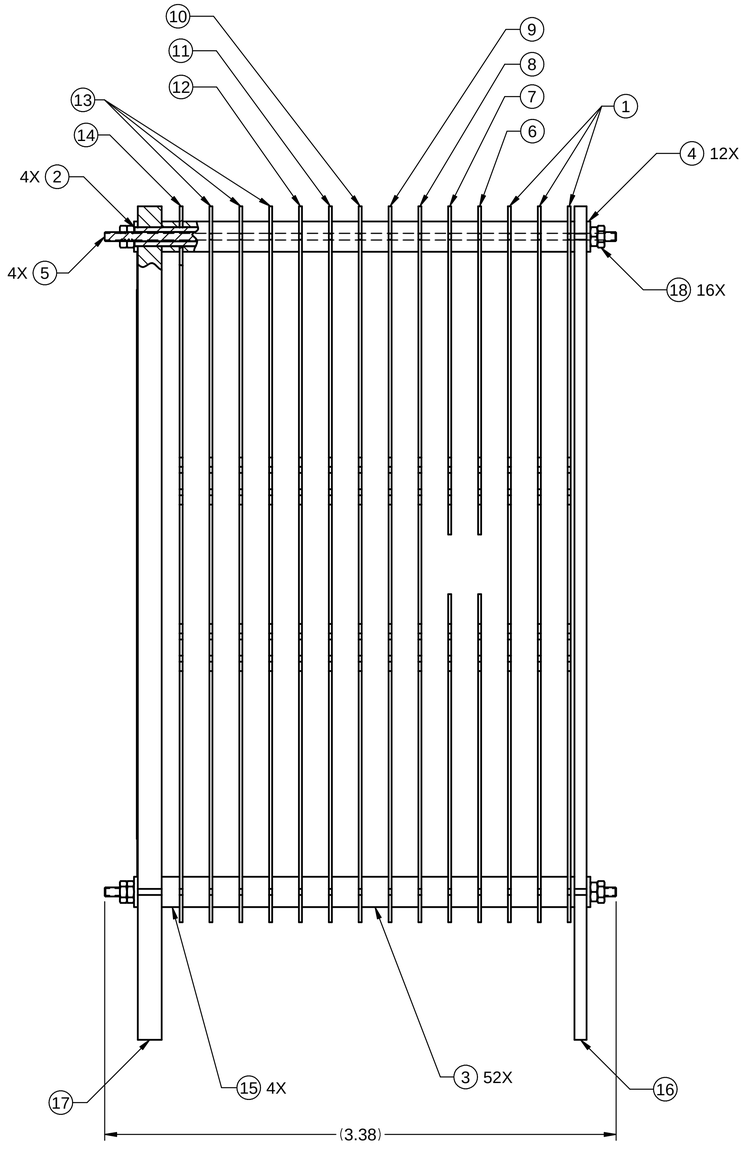
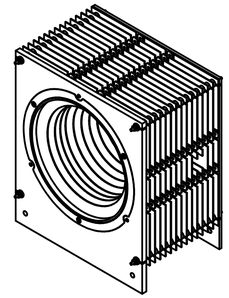
REV	DESCRIPTION	DWN	CHKR	APVD	DATE
D	SA-234-808-43 0				







ISO VIEW
SCALE 1:2

ITEM	STOCK OR PART NO	TITLE OR DESCRIPTION	QTY
18	McMASTER-CARR 90730A001	NUT, HEX NARROW 0-80, 18-8 SST	16
17	SA-234-808-32	REAR SUPPORT	1
16	PF-234-808-31	FRONT FRAME	1
15	PF-234-808-36	Al2O3-SP-C-315	4
14	PF-234-808-30	VMI PLATE 10	1
13	PF-234-808-29	VMI PLATE 9	3
12	PF-234-808-28	VMI PLATE 8	1
11	PF-234-808-27	VMI PLATE 7	1
10	PF-234-808-26	VMI PLATE 6	1
9	PF-234-808-25	VMI PLATE 5	1
8	PF-234-808-24	VMI PLATE 4	1
7	PF-234-808-23	VMI PLATE 3	1
6	PF-234-808-22	VMI PLATE 2	1
5	PF-234-808-44	THREADED ROD 0-80	4
4	KIMBALL PHYSICS 51-235008	ALUMINA SPACER C-025	12
3	PF-234-808-35	Al2O3-SP-C-177	52
2	KIMBALL PHYSICS Al2O3-TU-C-3000	SPACER,	4
1	PF-234-808-21	VMI PLATE 1	3

NOTES: UNLESS OTHERWISE SPECIFIED

1. CHEMICAL CLEANING: CLEAN PER SLAC STANDARDS FOR UHV APPLICATIONS AFTER MACHINING.
2. UHV HANDLING: AFTER UHV CLEANING OR PLATING, HANDLE WITH CLEAN LATEX OR NITRILE GLOVES IN/ON A CLEAN ROOM/SURFACE. FOR STORAGE OR SHIPPING: PLACE IN CLEAN, SEALED, VAC GRADE PLASTIC BAGS THAT ARE BACK-FILLED WITH NITROGEN, WITH PART NUMBER AND REV VISIBLE. ALTERNATIVELY, PARTS MAY BE WRAPPED IN CLEAN LINT FREE TISSUE AND UHV FOIL, AND SEALED IN CLEAN PLASTIC BAGS WITH PART NUMBER AND REV VISIBLE.

LCLS
VACUUM LEVEL 2 SPECIFICATION
SLAC-I-120-204-003-00 APPLIES

SA-234-808-45
NEXT ASSEMBLIES:

DIMENSIONING AND TOLERANCING IS IAW ASME Y14.5-2009

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.
TOLERANCES:
BREAK EDGES .005-.015
INTERNAL CORNERS R.015 MAX
FRACTIONS ± ---
DEC .XX± ---
.XXX± ---
.XXXX± ---
ANGLE ± ---

ALL SURF

SCALE: 2:1
DO NOT SCALE DRAWING

ESTIMATED MASS: 2.438 LB

CAD FILE NAME: sa23480843-0.dft

SLAC NATIONAL ACCELERATOR LABORATORY
U.S. DEPARTMENT OF ENERGY

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		DATE	APPROVALS
ENGR	D. RICH		D. RICH
DWN	M. OWENS	20170605	J. CRYAN
CHKR	O. FRENER		S. LI

LCLS DIAGNOSTIC SYSTEMS
VMI SPECTROMETER
VMI PLATE STACK

DRAWING NUMBER: SA-234-808-43
REVISION NUMBER: A
D
SH 1 OF 1