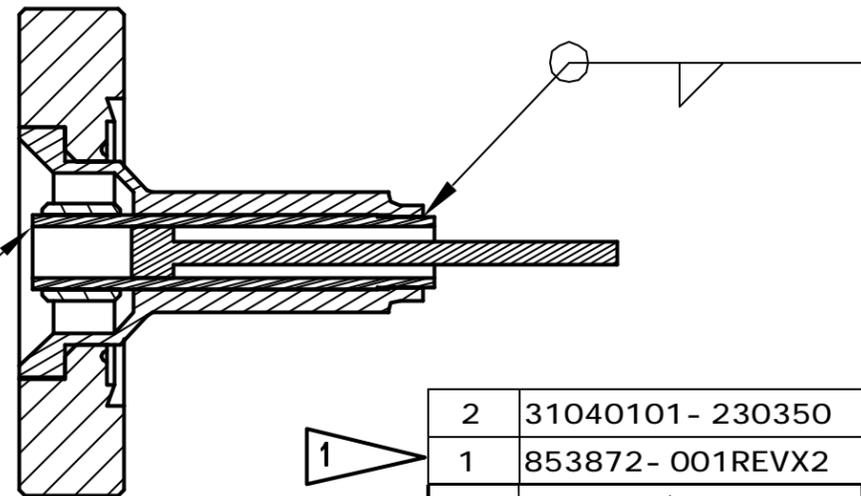
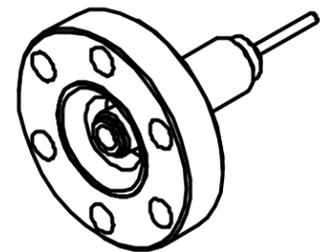
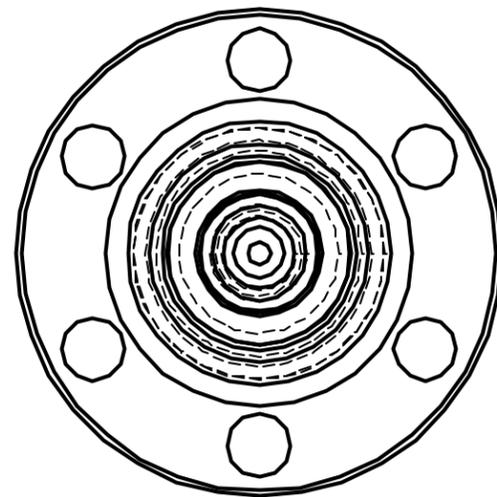
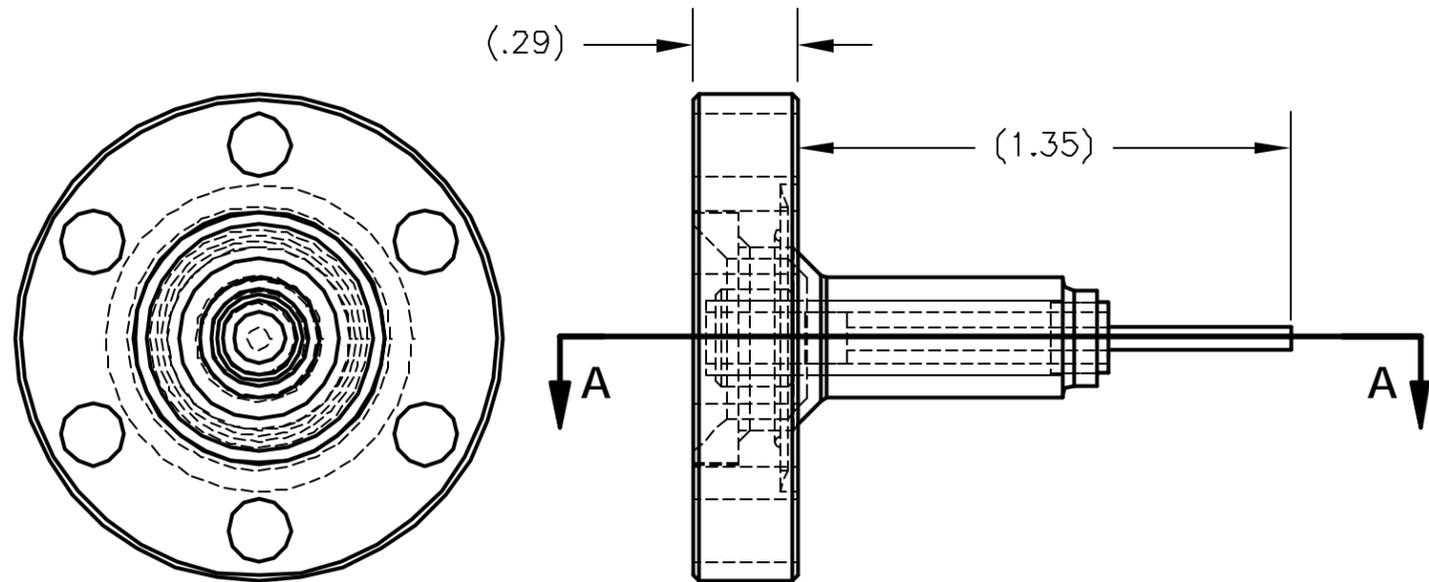


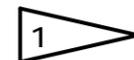
REVISIONS					
ZONE	REV	DESCRIPTION	BY	APPROVED	DATE
N/A	01	GENERAL REVISIONS	BMR	LHM	11/18/03



NOTE:

LEAK CHECK "E" SENSOR
PRIOR TO WELDING AND
AFTER WELDING

SECTION A-A



SOURCE:

KAMAN INSTRUMENTATION GROUP
1500 GARDEN OF THE GODS RD.
P.O. BOX 7463
COLORADO SPRINGS, CO 80933-7463
PHONE: (800) 552-6267
WEB: www.kamaninstrumentation.com

ITEM	DRAWING / PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
2	31040101-230350	SENSOR MOUNTING FLANGE - MACHINING	SEE PARTS LIST	1
1	853872-001REVX2	"E" SENSOR	-	1

PARTS LIST / BILL OF MATERIALS

UNLESS OTHERWISE SPECIFIED:
ALL DIMENSIONS ARE IN INCHES

TOLERANCES

DECIMALS	ANGULAR
.X ±.1	±.025
.XX ±.01	
.XXX ±.005	

SURFACE ROUGHNESS: 125/√

REMOVE ALL BURRS AND
BREAK SHARP EDGES .03 MAX.
SURFACE TEXTURE TO BE IN
ACCORDANCE WITH LATEST ANSI B46.1
DIMENSIONING & TOLERANCING IN
ACCORDANCE WITH LATEST ANSI Y14.5

MATERIAL:
SEE PARTS LIST

ELECTRONIC FILE NAME:
A3040001

DRAWN BY: B. RUSTHOVEN	DATE: 11/28/00
CHECKED BY:	DATE:
DESIGNED BY: B. RUSTHOVEN	DATE:
RESPONSIBLE ENGINEER: E. ROTELA	DATE:
GROUP LEADER: S. SHARMA	DATE:
APPROVED BY:	DATE:
APPROVED BY:	DATE:
APPROVED BY:	DATE:

THIS DRAWING IS THE PROPERTY OF
ARGONNE NATIONAL LABORATORY
ADVANCED PHOTON SOURCE

TITLE:
STORAGE RING
STORAGE RING - TECHNICAL COMPONENTS
RF SYSTEM 352 MHZ SYSTEM
CAVITY
SENSOR SUB-ASSEMBLY

SIZE: B	FSCM No. OHRH5	DRAWING NUMBER: 31040101-230320	REV. 01
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SCALE: 2:1 DO NOT SCALE DRAWING SHEET No. 1 of 1

NOTE:

WELD JOINT MUST BE VACUUM TIGHT AND TESTED
NO LEAK SHOULD BE DETECTABLE USING THE MOST
SENSITIVE SCALE OF A HELIUM MASS SPECTROMETER
WITH A MINIMUM SENSITIVITY OF 1.5×10^{-10}
TORRLITER/SECOND OF HELIUM OR BETTER.