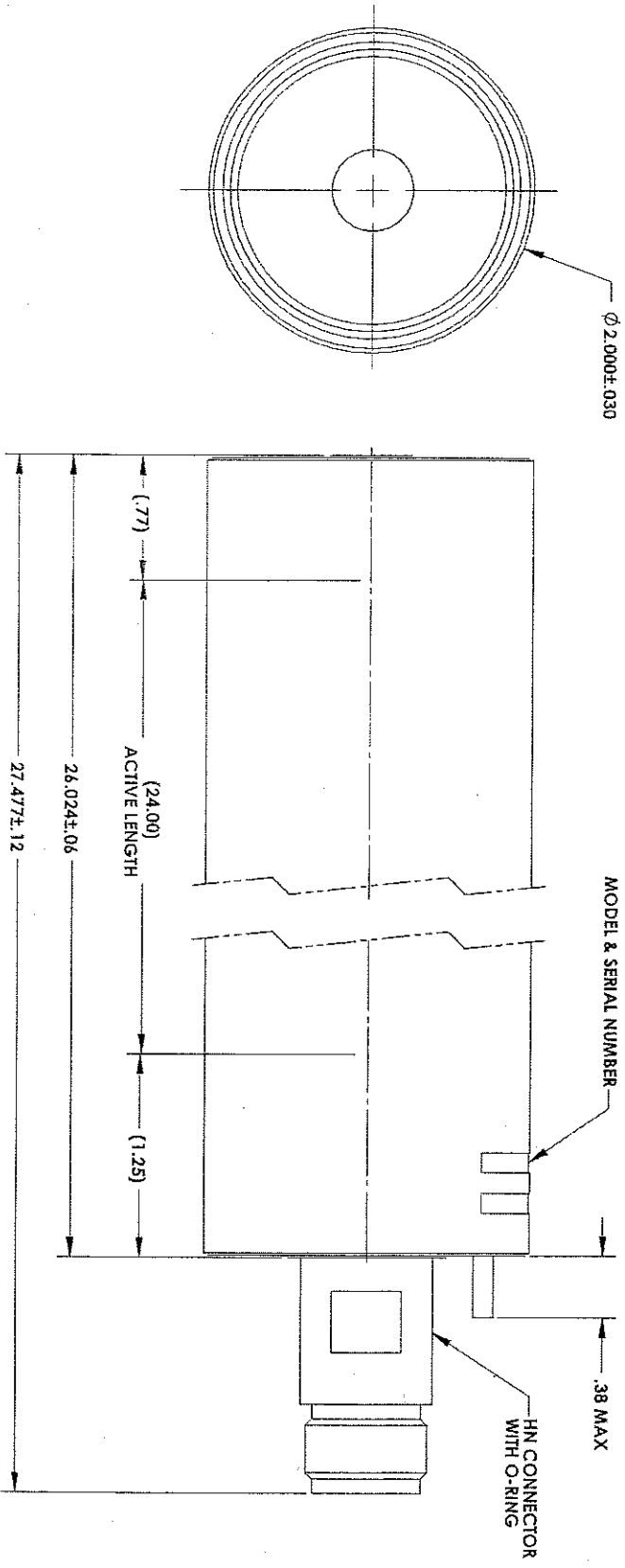
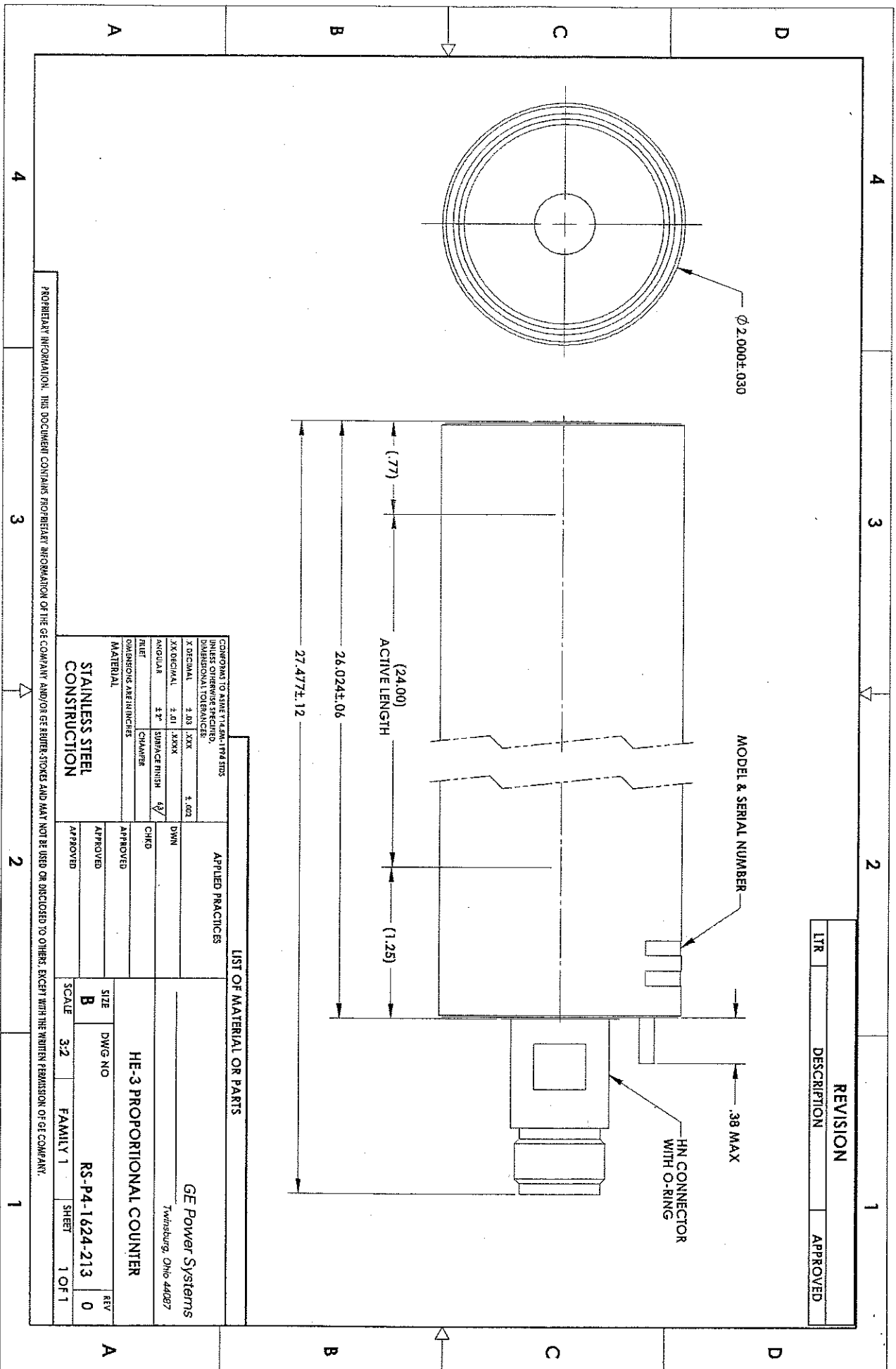


REVISION		APPROVED
LTR	DESCRIPTION	



LIST OF MATERIAL OR PARTS			
CONFORM TO ASME Y14.5M-1994 STD	APPLIED PRACTICES	GE Power Systems Twinsburg, Ohio 44087	
UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES:			
X DECIMAL 2.03 .XXX	DWN	SIZE	DWG NO
3X DECIMAL 4.01 .XXX	CHKD	B	RS-P4-1624-213
ANGULAR 1.2° SURFACE FINISH 42/	APPROVED	SCALE	3:2
FILLET CHAMFER	APPROVED	FAMILY	1
DIMENSIONAL ABERRANCES	APPROVED	SHEET	1 OF 1
MATERIAL	APPROVED	HE-3 PROPORTIONAL COUNTER	
STAINLESS STEEL CONSTRUCTION	APPROVED		

PROPRIETARY INFORMATION. THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF THE GE COMPANY AND/OR GE FILTER-STOCKS AND MAY NOT BE USED OR DISCLOSED TO OTHERS, EXCEPT WITH THE WRITTEN PERMISSION OF GE COMPANY.



Sales Specifications

Model Number: RS-P4-1624-213

He-3 Proportional Counter

Mechanical

Maximum diameter:	SEE DRAWING
Maximum overall length:	SEE DRAWING
Connector Type:	HN with O-Ring

Material

Body Material:	304 S.S
Connector Material:	BRASS, SILVER PLATED
Connector Insulator:	TEFLON
Internal Insulator:	ALUMINA CERAMIC
Coating Material:	
Primary Gas:	Helium -3
Total Pressure:	150 psia (1.03 MPa)

= 10.21 atm

Electrical

Resistance :	1.00E+12 ohms
Capacitance:	10 pF±20%

Maximum Ratings

Maximum Voltage:	3000 volts
Maximum Temperature:	100 °C

Operating Characteristics

Thermal neutron flux range:	8.31E-05	to	2.12E+02	nv
Thermal neutron sensitivity:			236.398	cps/nv ± 10 %
Voltage Range:	1475	to	2000	volts
Resolution (FWHM):			< 15	%
Temperature range:	-25 °C	to	100	°C

GE Reuter-Stokes reserves the right to
improve or modify designs and/or
specifications without notice.

07-Mar-07