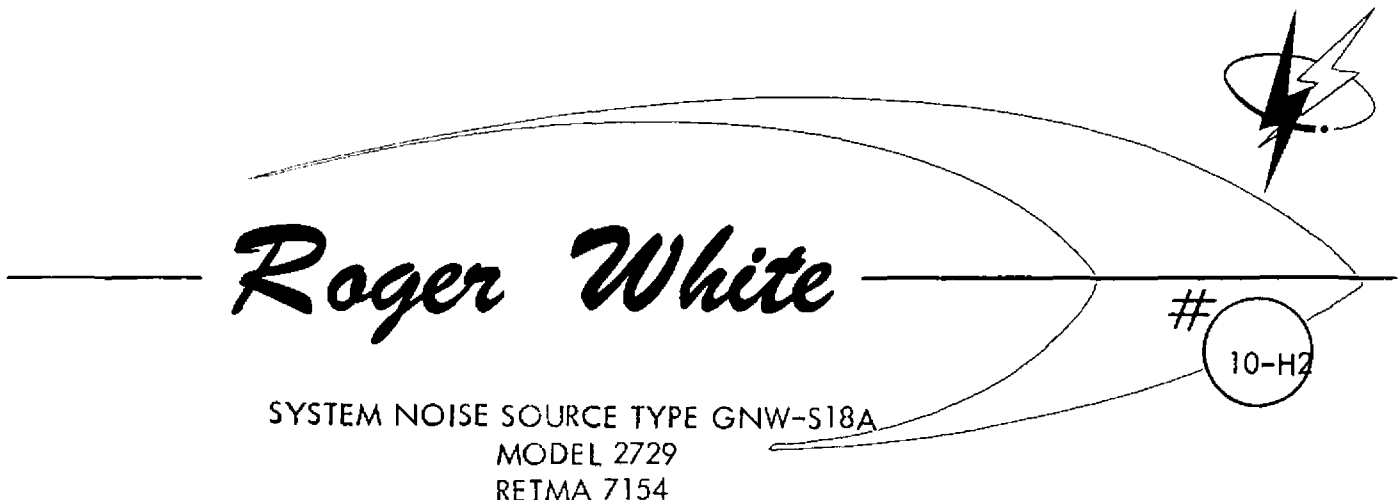




Roger White

SYSTEM NOISE SOURCE TYPE GNW-S18A
MODEL 2729
RETMA 7154

The Roger White type GNW-S18A, Model 2729, is a miniaturized system noise source specifically designed for pulsed operation in conjunction with automatic noise measuring equipments. It is equally suitable for CW operation.

PERFORMANCE CHARACTERISTICS

Frequency Range - megacycles	2700 - 2900
Excess Noise Ratio - db	18.5 ± 0.2
Application	Single Ended
Expected Life - hours	5000

ELECTRICAL SPECIFICATIONS

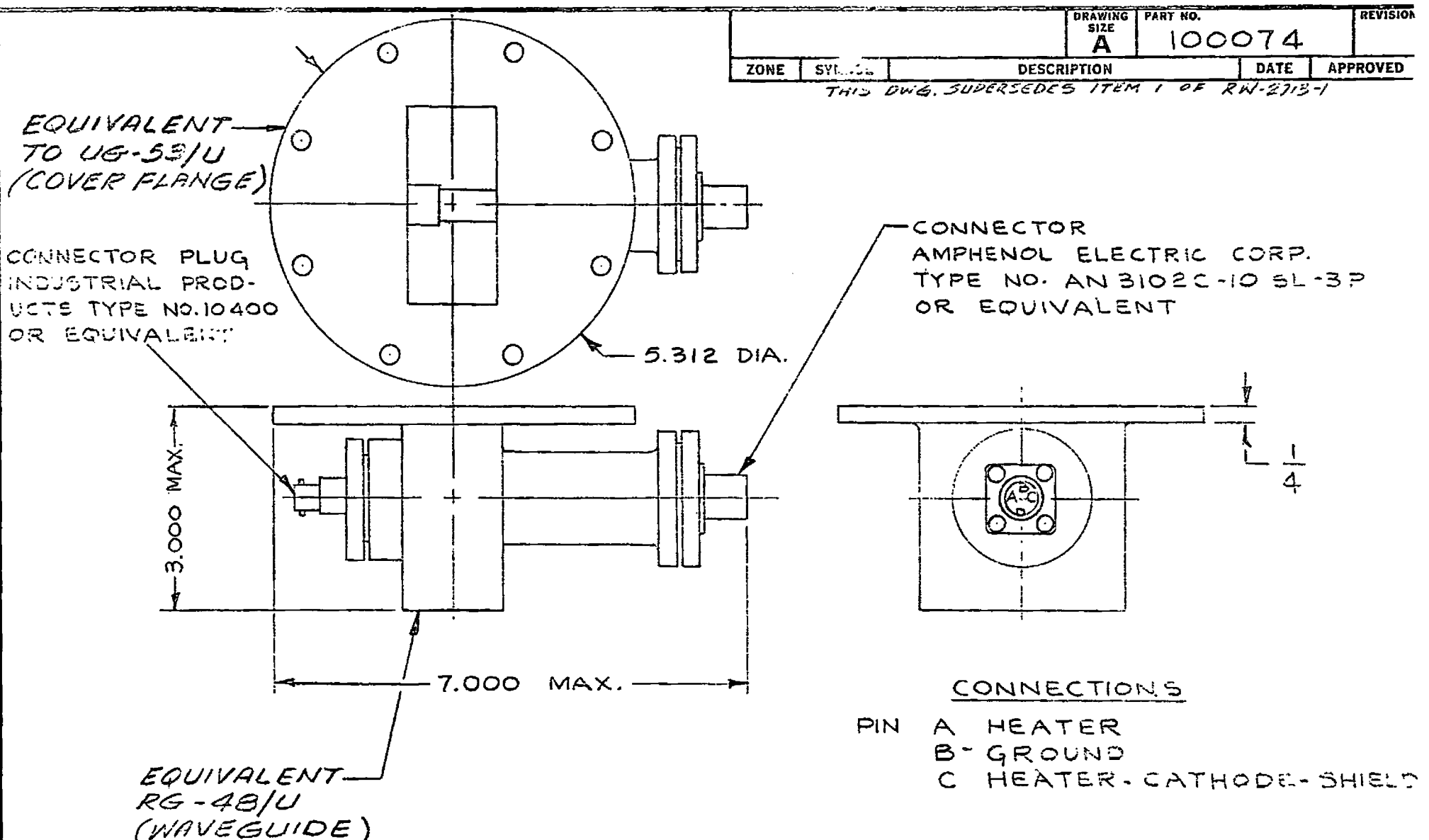
Filament Voltage - volts ac-dc	$6.3 \pm 5\%$
Filament Current - amperes ac - dc	1.25
Firing Voltage - volts	600 maximum
Operating Anode Voltage - volts positive	27 ± 4
Operating Current - dc milliamperes	75 ± 5 ma
VSWR (Fired)	1.8 max.

ENVIRONMENTAL SPECIFICATIONS

Vibration	MIL-T-4807 Method 1A
Drop	MIL-T-4807 Method 3A
Environmental	MIL-T-5272A Procedure 1
Temperature	MIL-E-4158A, -54 to + 60°C non-operating -29 to + 60°C operating
Pressure	Test 45 PSI Operate at 30 PSI

MECHANICAL OUTLINE

See Reverse



DRAWING SIZE A		PART NO. 100074		REVISION
ZONE	SYMBOL	DESCRIPTION	DATE	APPROVED

THIS DWG. SUPERSEDES ITEM 1 OF RW-2713-1

REQD.	PART NO.	DESCRIPTION	MAT'L	MAT'L SPEC.	WT.	NEXT ASSY.	USED ON	NEXT ASSY.	FINAL ASSY.				
LIST OF MATERIAL						APPLICATION							
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON FRACTIONS. DECIMALS. ANGLES. $\pm 1/64$ $\pm .005$ $\pm 0^\circ 30'$ MATERIAL TREATMENT FINISH						ROGER WHITE ELECTRON DEVICES, INC. FOURTH AVE. HASKELL, NEW JERSEY							
						DWG. SIZE A				PART NO. 100074		REVISION	
						DRAFTSMAN <i>HJD</i>				DATE 5-16-57			
						CHECKER <i>[Signature]</i>				NAME SYSTEM NOISE SOURCE TYPE NO. GNW-S18A MODEL 2729			
						ENGINEER <i>[Signature]</i>				SCALE 1:2			
EXAMINED				WT.									
APPROVED													