

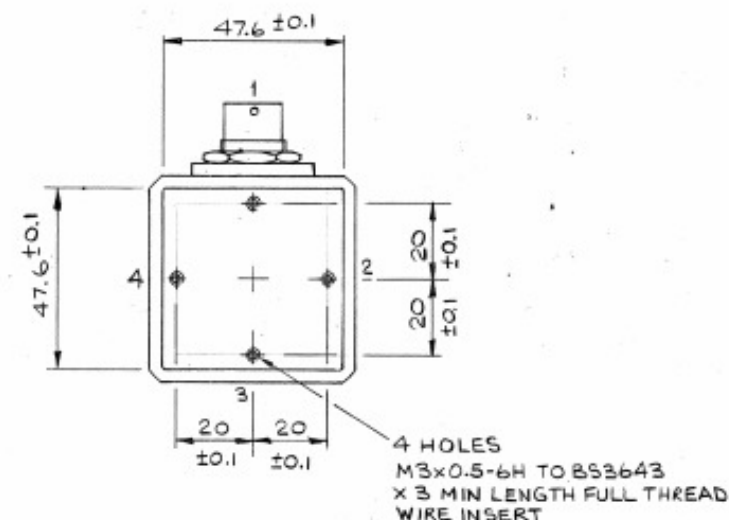
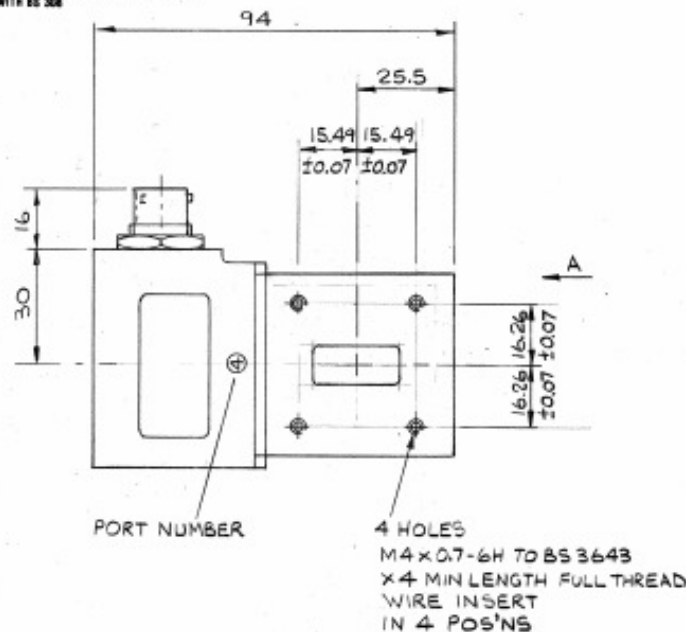
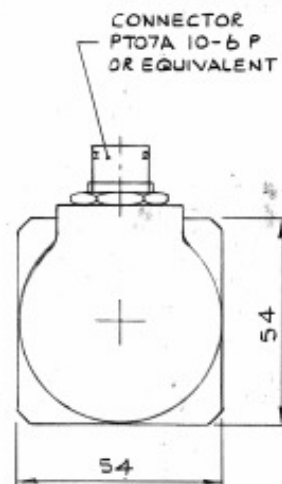
SECURITY

CLASSIFICATION

SERVICE DRAWING NUMBER

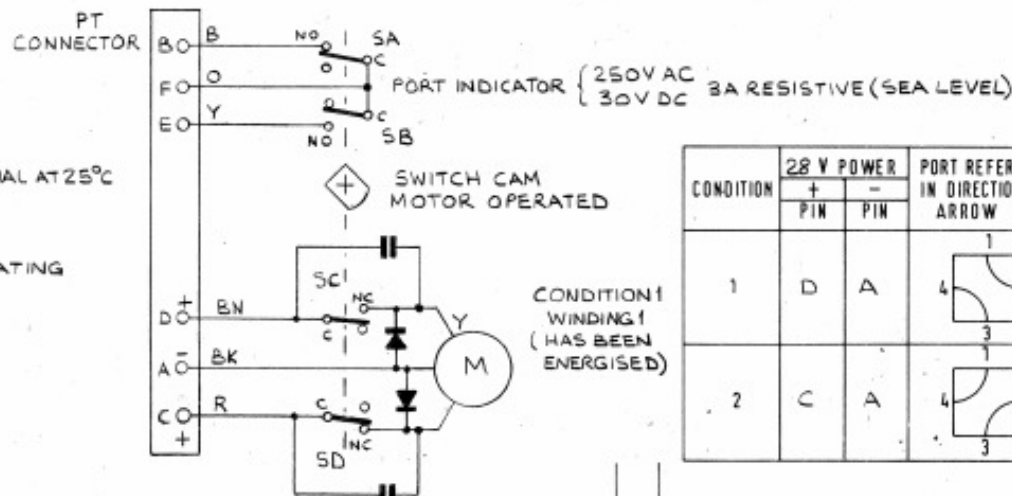
USED ON

3/4 ANGLE PROJECTION

DRAWING TO BE READ IN CONJUNCTION
WITH BS 308

SPECIFICATION

FREQUENCY RANGE	8.2-12.4 GHz
ISOLATION	> 85 dB
INSERTION LOSS	< 0.05 dB
V.S.W.R.	1.05:1 MAX
POWER RATING	300kW PEAK
OPERATION	AUTOMATIC
SUPPLY	28VDC ± 10% 1A NOMINAL AT 25°C
TIME BETWEEN CONSECUTIVE OPERATIONS	GREATER THAN 1 SEC
SWITCHING SPEED	130ms MAX 95TYP.
TEMPERATURE RANGE	-40°C TO +85°C OPERATING
MATING FLANGE (BASIC)	UBR 100



CONDITION	28 V POWER		PORT REFERENCE IN DIRECTION OF ARROW A	AUXILIARY CIRCUIT CONNECTED	
	+	-		PIN	PIN
1	D	A		F	B
2	C	A		F	E

CONDITION 1
(HAS BEEN
ENERGISED)

PROD. RELEASE	ORIGINAL SCALE 1/1	MATERIAL	SWITCH BODY ALUMINIUM ALLOY	PROTECTIVE FINISH	STATOR ALOCROM 1200	GENERAL TOLERANCES UNLESS OTHERWISE STATED	±0.5	RESPONSIBLE AUTHORITY	MESL MICROWAVE	SECURITY CLASSIFICATION	CONTRACTOR'S DRAWING NUMBER	SHEET 1 OF 1 SHEETS
ENG. APP	DIMENSIONS IN							TITLE	OUTLINE DRG ROTARY SWITCH MWS 16-42ET1 / PIC	SERVICE DRAWING NUMBER	A2/ 6501	
CHECKED	- m.m.											
DATE												
APPROVED												