

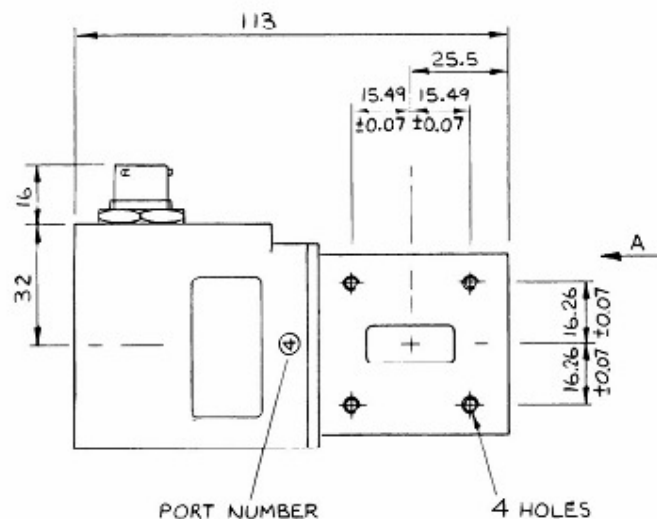
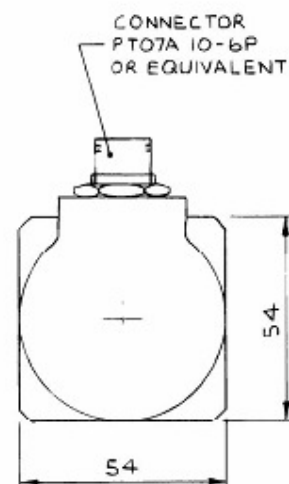
SECURITY CLASSIFICATION

SERVICE DRAWING NUMBER

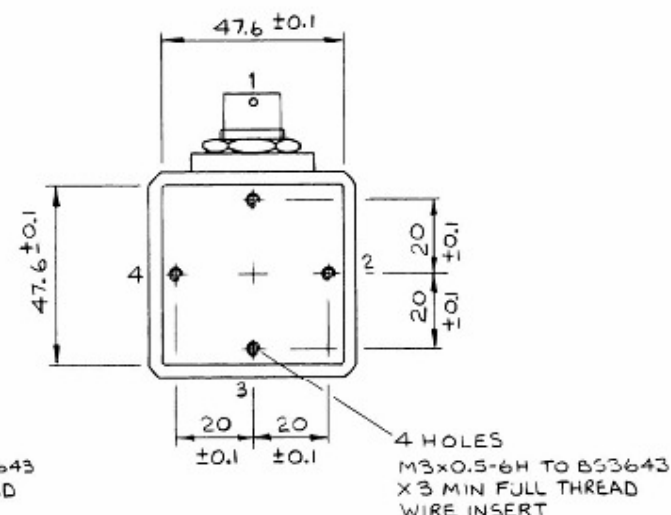
3RD ANGLE PROJECTION

DRAWING TO BE READ IN CONJUNCTION
WITH BS 308

USED ON



PORT NUMBER

4 HOLES
M4 x 0.7-6H TO BS3643
X 4 MIN FULL THREAD
WIRE INSERT
IN 4 POS'NS

SPECIFICATION

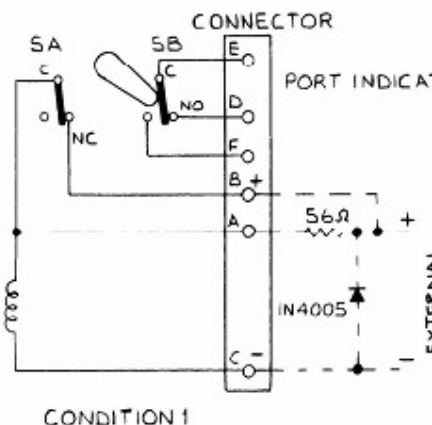
FREQUENCY RANGE 8.2-12.4 GHz
ISOLATION 80 dB MIN
INSERTION LOSS 0.03 dB MAX
V.S.W.R. 1.05:1 MAX
POWER RATING 300kW PEAK 3Kw MAX AVERAGE
OPERATION AUTOMATIC, FAIL SAFE
SUPPLY 28VDC ±10%
SWITCHING CURRENT 1.5A NOM AT 25°C
HOLDING CURRENT 380mA APPROX

TIME BETWEEN CONSECUTIVE OPERATIONS GREATER THAN 1 SEC
SWITCHING SPEED 100 m SEC MAX

TEMPERATURE RANGE -40°C TO +85°C OPERATING

MATING FLANGE (BASIC) UBR 100

SOLENOID



CONNECTOR

PORT INDICATOR { 250VAC 3A RESISTIVE (SEA LEVEL)
30V DC

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

D A
DATEPROD REI
DATEENG APP
DATECHECKED
DATEDRAWN
A.W.
DATE

ORIGINAL SCALE 1:1
DO NOT SCALE PRINT
DIMENSIONS IN m.m.

MATERIAL SWITCH BODY
ALUMINIUM ALLOY

PROTECTIVE FINISH STATOR
ALOCROM 1200

GENERAL TOLERANCE UNLESS OTHERWISE
STATED ±0.5

FINISH TO BE UNLESS OTHERWISE
STATED

MESL MICROWAVE

RESPONSIBLE
AUTHORITY

TITLE

OUTLINE DRG
ROTARY SWITCH
MWS 16-42 EFS

SECURITY
CLASSIFICATION

CONTRACTORS DRAWING NUMBER

SERVICE DRAWING NUMBER

SHEET 1 OF 1 SHEETS

A2/5792

A00

DRN2816

REF

FEATURE SIZE

No OFF CHARACTER

PDS TOL

ISSUE

DATE

MOD No

AUS 286