

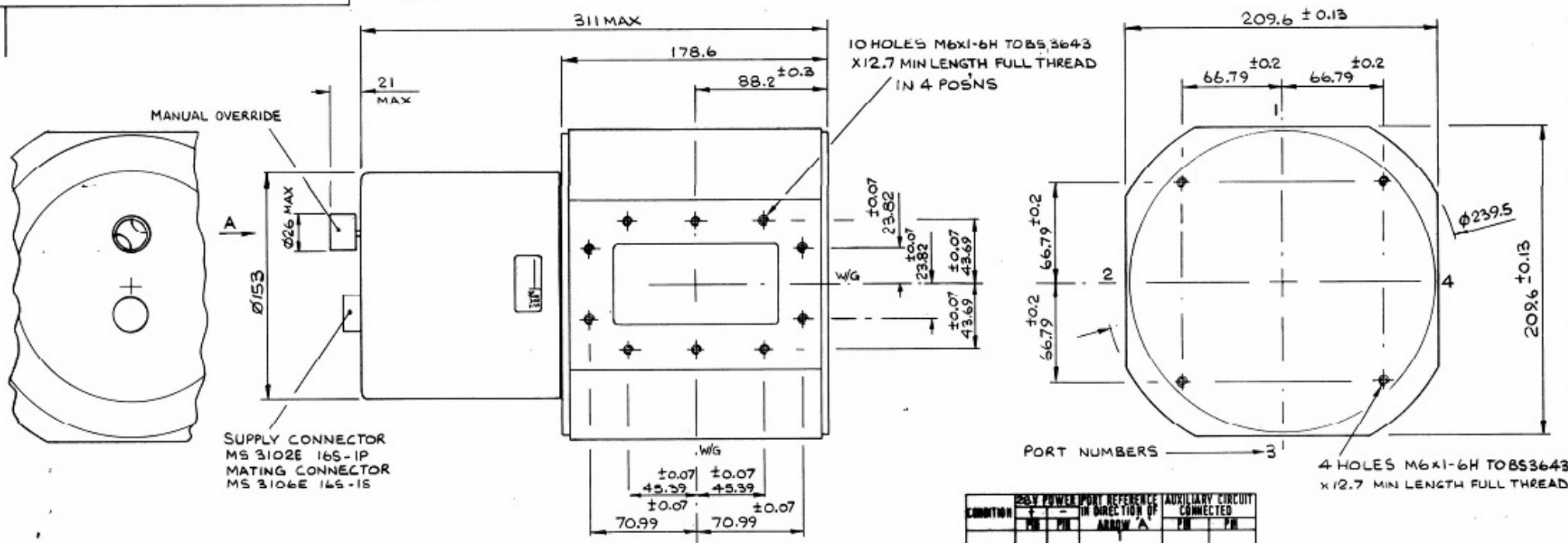
SECURITY  
CLASSIFICATION

SERVICE DRAWING NUMBER

3rd ANGLE PROJECTION

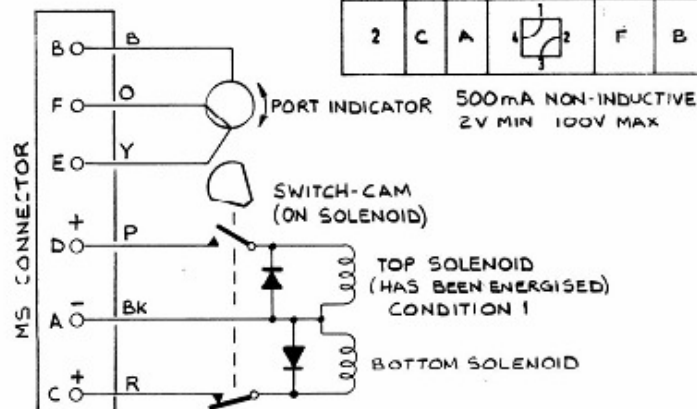
DRAWING TO BE READ IN CONJUNCTION  
WITH BS 308

USED ON



## SPECIFICATION

|                                        |                                        |
|----------------------------------------|----------------------------------------|
| FREQUENCY RANGE                        | 1.7 TO 2.6 GHz                         |
| ISOLATION                              | 100 dB MIN                             |
| INSERTION LOSS                         | 0.01 dB APPROX                         |
| V.S.W.R                                | 1.04 : 1                               |
| POWER RATING                           | 6 MW UNPRESSURIZED PEAK                |
| OPERATION                              | AUTOMATIC                              |
| SUPPLY                                 | 28 V D.C. ±10% 3.5 A FOR 500/650 m SEC |
| TIME BETWEEN CONSECUTIVE<br>OPERATIONS | GREATER THAN 1 SEC                     |
| SWITCHING SPEED                        | LESS THAN 400 m SEC                    |
| TEMPERATURE RANGE                      | -20°C TO +65°C OPERATING               |
| MATING FLANGE (BASIC)                  | UDR 22                                 |
| PRESSURISATION                         | 200 g/cm <sup>2</sup>                  |
| MAXIMUM LEAK RATE                      | 60 g/cm <sup>2</sup> AFTER 5 HOURS     |



| CONDITION | 28V POWER PORT REFERENCE |    | IN DIRECTION OF<br>ARROW A | AUXILIARY CIRCUIT<br>CONNECTED |    |
|-----------|--------------------------|----|----------------------------|--------------------------------|----|
|           | PH                       | PN |                            | PH                             | PN |
| 1         | D                        | A  | 1                          | F                              | E  |
| 2         | C                        | A  | 1                          | F                              | B  |

|               |                                                |                                |                   |                                               |                                               |                             |
|---------------|------------------------------------------------|--------------------------------|-------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------|
| PROD. RELEASE | ORIGINAL<br>SCALE<br>1:2<br>DO NOT SCALE PRINT | MATERIAL                       | PROTECTIVE FINISH | GENERAL TOLERANCES UNLESS<br>OTHERWISE STATED | MESL MICROWAVE                                | SECURITY<br>CLASSIFICATION  |
| ENL. APP.     | DIMENSIONS IN<br>m.m.                          | SWITCH BODY<br>ALUMINIUM ALLOY | IRIDITE           | ±0.5                                          | RESPONSIBLE<br>AUTHORITY                      | CONTRACTOR'S DRAWING NUMBER |
| CHECKER       | CERTIFIED<br>AT<br>ISSUE                       |                                |                   | FINISH TO BE UNLESS<br>OTHERWISE STATED       | TITLE                                         | SHEET 1 OF 1 SHEETS         |
| DRAWN         |                                                |                                |                   |                                               | OUTLINE DRG<br>ROTARY SWITCH<br>MWS 8-42/5718 | A2/5718                     |
| A.W.          |                                                |                                |                   |                                               |                                               | SERVICE DRAWING NUMBER      |