

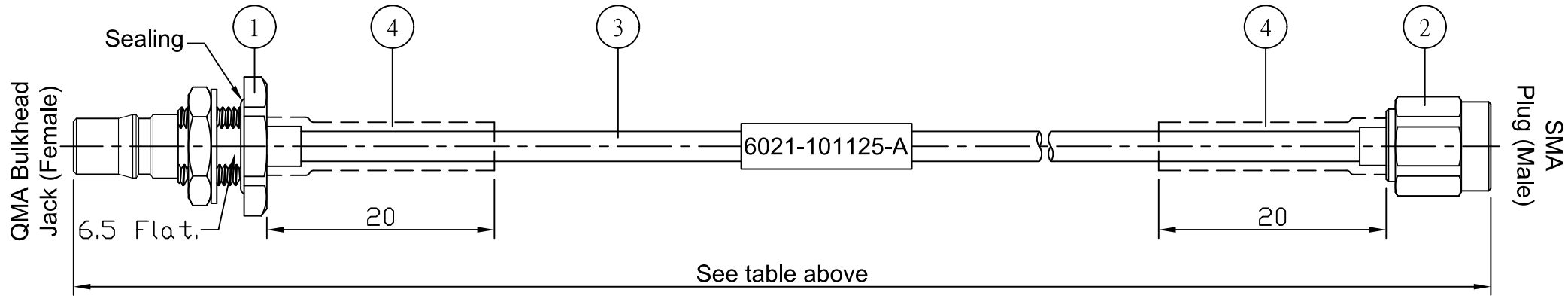
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

| Rosnol P/N                  |           | Length (mm)                                           |
|-----------------------------|-----------|-------------------------------------------------------|
| QA2EA50-EF405-A1E50-250A/6G |           | 250                                                   |
| Frequency                   | VSWR Max. | Insertion Loss Max. (dB)                              |
| 6 GHz                       | 1.25      | $\leq 0.00197 \text{ (dB/mm)} * L \text{ (mm)} + 0.2$ |

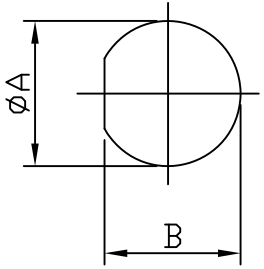
## SPECIFICATION CONTROL DRAWING

### REVISION

| REV. | DESCRIPTION     | DATE        | APPROVED |
|------|-----------------|-------------|----------|
| -    | INITIAL RELEASE | SEP/15/2025 |          |



### Mounting Dimension



#### NOTES:

- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :  
 $\pm 3 \text{ mm}$  FOR  $L \leq 300 \text{ mm}$  ;  $\pm 1\%$  FOR  $L > 300 \text{ mm}$

|   | mm   |      | inch |      |
|---|------|------|------|------|
|   | Max. | Min. | Max. | Min. |
| A | 7.3  | 7.2  | .287 | .283 |
| B | 6.65 | 6.5  | .262 | .256 |

|     |                          |                    |       |     |                                                                                                                                                                                                                                                                                                               |          |      |           |
|-----|--------------------------|--------------------|-------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|-----------|
| 4   | HEAT SHRINK TUBE         | HST-B-D4.7-125C-G  | 2X 20 | mm  | <div>DIMENSION ARE IN MM [INCH]</div> <div>TOLERANCES</div> <div>DECIMALS</div> <div><math>.X \pm 6.35 \text{ [.250"]}</math></div> <div><math>.XX \pm 3.18 \text{ [.125"]}</math></div> <div><math>.XXX \pm 1.52 \text{ [.060"]}</math></div> <div>DEGREES</div> <div><math>X^\circ \pm 1^\circ</math></div> | CUSTOMER | REV  | UNIT      |
| 3   | CABLE                    | ROSNOL EF405 Cable | 250   | mm  |                                                                                                                                                                                                                                                                                                               |          | -    | mm [inch] |
| 2   | SMA SOLDER PLUG          | SMA1E50-EZ085A/91X | 1     | EA  |                                                                                                                                                                                                                                                                                                               | APPROVED | DATE |           |
| 1   | QMA BULKHEAD SOLDER JACK | QMA2EA50-00085/91  | 1     | EA  |                                                                                                                                                                                                                                                                                                               | DRAWN    | DATE |           |
| NO. | DESCRIPTION              | PARTS NO.          | QTY.  | U/M |                                                                                                                                                                                                                                                                                                               |          |      |           |

### CUSTOMER'S APPROVAL

Department or  
company's stamp

Name:

Date:

Copy and send back to  
ROSNOL CORPORATION BEFORE:

**ROSNOL**

RF/Microwave Technology  
www.rosnol.com  
info@rosnol.com  
N-CAGE Code: SFKK0



TITLE  
QMA Bulkhead Jack (Female) to SMA Plug (Male)  
0.25 Meter Cable Assembly for EF405 Cable

DRAWING NO.  
QA2EA50-EF405-A1E50-250A/6G