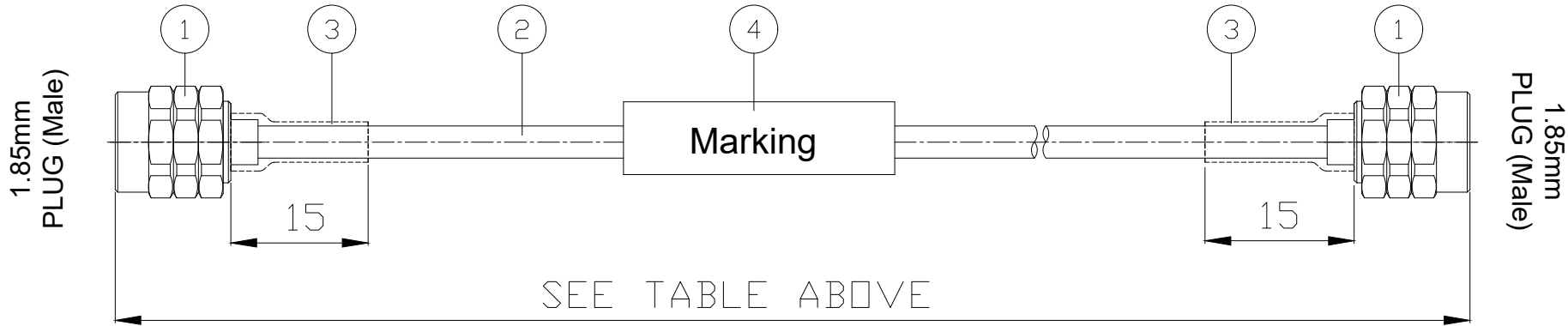


INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

| Rosnol P/N                       |           | Length (mm)                                                       |
|----------------------------------|-----------|-------------------------------------------------------------------|
| V1E50-RSF085FEP-V1E50-500A/ 40G  |           | 500                                                               |
| V1E50-RSF085FEP-V1E50-1000A/ 40G |           | 1000                                                              |
| Frequency                        | VSWR Max. | Insertion Loss Max.                                               |
| 40 GHz                           | 1.3       | $\leq 0.0067 \text{ (dB/mm)} * L \text{ (mm)} + 0.1 \text{ (dB)}$ |

SPECIFICATION CONTROL DRAWING

| REVISION |                 |             |          |
|----------|-----------------|-------------|----------|
| REV.     | DESCRIPTION     | DATE        | APPROVED |
| -        | INITIAL RELEASE | JAN/15/2024 |          |



- NOTES:  
1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.  
2) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:  
ROSNOL DC-40 GHz  
V1E50-EF405-V1E50-XXXA/40G

| 4   | LABEL HEAT SHRINK TUBE | HST-W-D6-125C-G    | 1     | EA  |
|-----|------------------------|--------------------|-------|-----|
| 3   | HEAT SHRINK TUBE       | HST-B-D4-125C      | 2X 15 | mm  |
| 2   | CABLE                  | ROSNOL EF405 CABLE | XXX   | mm  |
| 1   | 1.85mm SOLDER PLUG     | V1E50-0085A/911    | 2     | EA  |
| NO. | DESCRIPTION            | PARTS NO.          | QTY.  | U/M |

| DIMENSION ARE IN MM [INCH]                                                                                     |  | CUSTOMER | REV  | UNIT      |
|----------------------------------------------------------------------------------------------------------------|--|----------|------|-----------|
| TOLERANCES<br>DECIMALS<br>.X ± 6.35 [.250"]<br>.XX ± 3.18 [.125"]<br>.XXX ± 1.52 [.060"]<br>DEGREES<br>X° ± 1° |  |          | -    | mm [inch] |
|                                                                                                                |  | APPROVED | DATE |           |
|                                                                                                                |  | DRAWN    | DATE |           |

**ROSNOL**  
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N-CAGE Code: SFKK0

TITLE  
1.85mm Plug (Male) to 1.85mm Plug (Male)  
XXX Meter Cable Assembly for EF405 Cable

DRAWING NO.  
V1E50-EF405-V1E50-XXXA/40G