

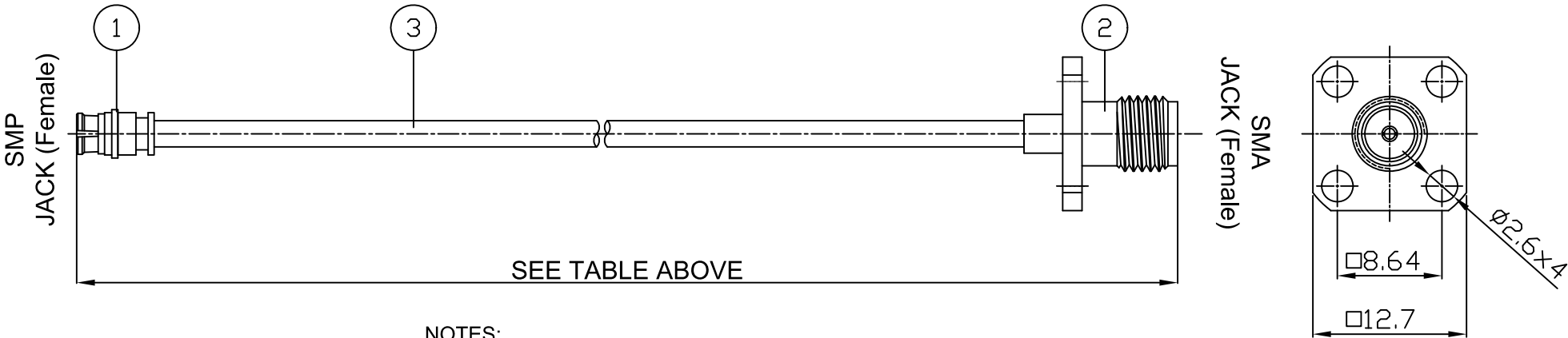
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

| Rosnol P/N                       |                       | Length (mm)                              |
|----------------------------------|-----------------------|------------------------------------------|
| P2E50-RSF085FEP-A2EBF50-100A/15G |                       | 100                                      |
| Frequency                        | VSWR<br>(Return Loss) | Insertion Loss Max.                      |
| 15 GHz                           | ≤1.45                 | ≤ 0.00293 (dB/mm) * L (mm) + 0.1* √f(dB) |

## SPECIFICATION CONTROL DRAWING

### REVISION

| REV. | DESCRIPTION     | DATE        | APPROVED |
|------|-----------------|-------------|----------|
| -    | INITIAL RELEASE | OCT/30/2024 |          |



#### NOTES:

- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- MARKING DETAILS IF NOT SPECIAL MARKING TEXT:  
ROSNOL DC-15GHz  
P2E50-RSF085FEP-A2EBF50-100A/15G
- ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES : ±3 mm FOR L≤300mm ; ±1% FOR L >300mm

### CUSTOMER'S APPROVAL

Department or  
company's stamp

Name:

Date:

Copy and send back to  
ROSNOL CORPORATION BEFORE:

| 3   | CABLE                            | ROSNOL RFX085FEP   | 100  | mm  |
|-----|----------------------------------|--------------------|------|-----|
| 2   | SMA SOLDER<br>4-HOLE FLANGE JACK | SMA2EBF50-0085A/91 | 1    | EA  |
| 1   | SMP SOLDER JACK                  | SMP2E50-0085A/99   | 1    | EA  |
| NO. | DESCRIPTION                      | PARTS NO.          | QTY. | U/M |

DIMENSION ARE IN MM [INCH]

#### TOLERANCES

DECIMALS  
.X ± 6.35 [.250"]  
.XX ± 3.18 [.125"]  
.XXX ± 1.52 [.060"]  
DEGREES  
X° ± 1°

CUSTOMER

REV

-

UNIT

mm [inch]

APPROVED

DATE

DRAWN

DATE

# ROSNOL

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



#### TITLE

SMP Jack (Female) to SMA 4-Hole Flange Jack (Female)  
0.1 Meter Cable Assembly for RFX085FEP Cable

#### DRAWING NO.

P2E50-RSF085FEP-A2EBF50-100A/15G