

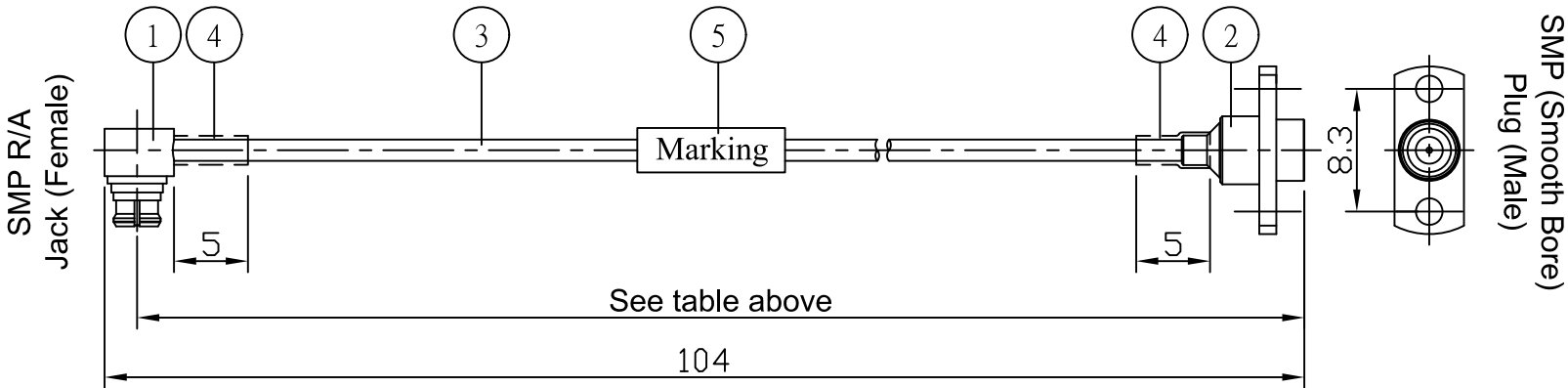
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (mm)
P2E59-RSF047FEP-PSB1EBT50-101.8CA/18G		101.8
Frequency	VSWR Max.	Insertion Loss Max. (dB)
18 GHz	1.5	$\leq 0.00633 \text{ (dB/mm)} * L \text{ (mm)} + 0.18 * \sqrt{f}$

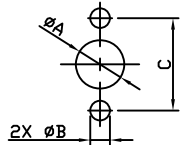
SPECIFICATION CONTROL DRAWING

REVISION

REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	OCT/30/2025	



Mounting Dimension



	mm		inch	
	Max.	Min.	Max.	Min.
A	4.8	4.7	.189	.185
B	1.9	1.8	.075	.071
C	8.4	8.3	.331	.327

CUSTOMER'S APPROVAL

Department or
company's stamp

Name:

Date:

Copy and send back to
ROSNOL CORPORATION BEFORE:

NOTES:

- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
ROSNOL DC- 18 GHz
P2E59-RSF047FEP-PSB1EBT50-101.8CA/18G
WW/YY - SERIAL NUMBER
- ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :
 $\pm 3 \text{ mm}$ FOR $L \leq 300 \text{ mm}$; $\pm 1\%$ FOR $L > 300 \text{ mm}$

5	LABEL HEAT SHRINK TUBE	HST-W-D2-125C	1	EA
4	HEAT SHRINK TUBE	HST-B-D2-125C	2 X 5	mm
3	CABLE	ROSNOL RSF-047-FEP Cable	101.8	mm
2	SMP (Smooth Bore) Solder Plug 2 Hole Flange Mount	PSB1EBT50-0047A/9X	1	EA
1	SMP R/A Solder Jack	SMP2E59-0047A/99	1	EA
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M

DIMENSION ARE IN MM [INCH]		CUSTOMER	REV	UNIT
TOLERANCES			-	mm [inch]
DECIMALS .X ± 6.35 [.250"] .XX ± 3.18 [.125"] .XXX ± 1.52 [.060"]		APPROVED	DATE	
DEGREES X° $\pm 1^\circ$		DRAWN	DATE	

ROSNOL

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

TITLE
SMP R/A Jack (Female) to
SMP (Smooth Bore) Plug (Male) 2 Hole Flange Mount
.1018 Meter Cable Assembly for RSF-047-FEP Cable

DRAWING NO.
P2E59-RSF047FEP-PSB1EBT50-101.8CA/18G