

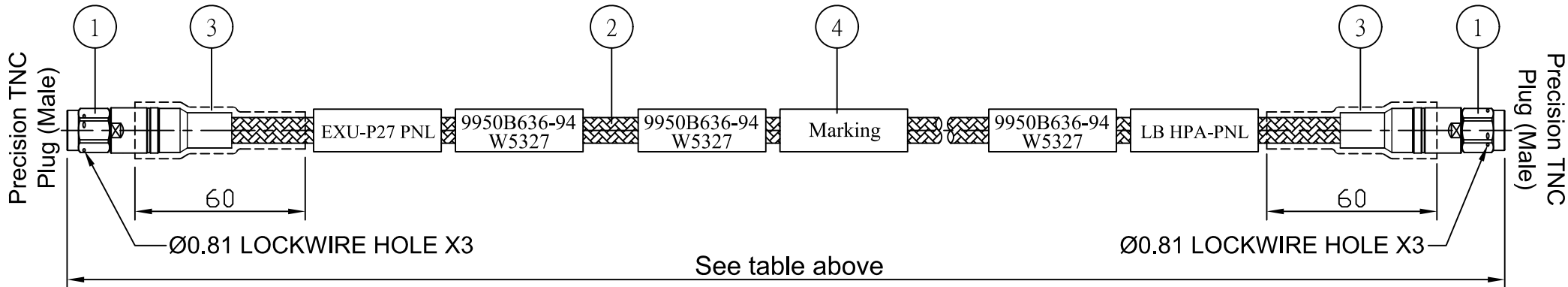
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (mm)
PCT1K50-MT902A-PCT1K50-5000A/18G		5000
Frequency	VSWR Max.	Insertion Loss Max. (dB)
18 GHz	1.4	$\leq 0.000657 \text{ (dB/mm)} * L \text{ (mm)} + 0.15 * \sqrt{f}$

SPECIFICATION CONTROL DRAWING

REVISION

REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	JUL/3/2025	



- NOTES:
- 1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
 - 2) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
ROSNOL DC- 18 GHz
PCT1K50-MT902A-PCT1K50-5000A/18G_W5327
WW/YY - SERIAL NUMBER
 - 3) 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:

4	LABEL HEAT SHRINK TUBE	HST-W-D12-125C	1	EA	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]
3	HEAT SHRINK TUBE	HST-B-D16-125C-G	2X 60	mm		APPROVED DATE		
2	CABLE	Rosnol MT902A Cable	5000	mm				
1	PRECISION TNC SOLDER CLAMP PLUG	PCT1K50-MT902B/9XX	2	EA		DRAWN DATE		
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M				

ROSNOL

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

TITLE
Precision TNC Plug (Male) to Precision TNC Plug (Male)
5 Meter Cable Assembly for MT902A Cable

DRAWING NO.
PCT1K50-MT902A-PCT1K50-5000A/18G