

SPECIFICATIONS:

1. PART NUMBER (REFER TO CONFIGURATOR ON SHEET 3) AND DATE CODE FORMAT YYWWPC WITH PHOENIX DESIGNATOR.

2. MATERIALS:

a) PLUG HOUSING: ACETAL, COLOR: BLACK

b) HARDWARE: STAINLESS STEEL

c) PkZ® CONNECTOR:

BODY: BRASS

CONTACT: BERYLLIUM COPPER

INSULATOR: TEFLON

d) T0833: STAINLESS STEEL

e) T3136: STAINLESS STEEL

3. FINISHES:

a) HARDWARE: PASSIVATED

b) PkZ BODY/CONTACTS: GOLD

4. ELECTRICAL PROPERTIES (APPLIES TO HOUSING ONLY):

a) DIELECTRIC STRENGTH: 1,000 VOLTS RMS AT SEA LEVEL;
325 VOLTS RMS AT 70,000 FEET

b) INSULATION RESISTANCE: 1 MEGOHM MINIMUM

5. ENVIRONMENTAL PROPERTIES:

OPERATING TEMPERATURE: -40° F TO +194° F (-40° C TO +90° C)

6. RF CABLE ASSEMBLY SPECIFICATIONS: REFER TO RF CABLE ASSEMBLY DRAWING (AVAILABLE UPON REQUEST)

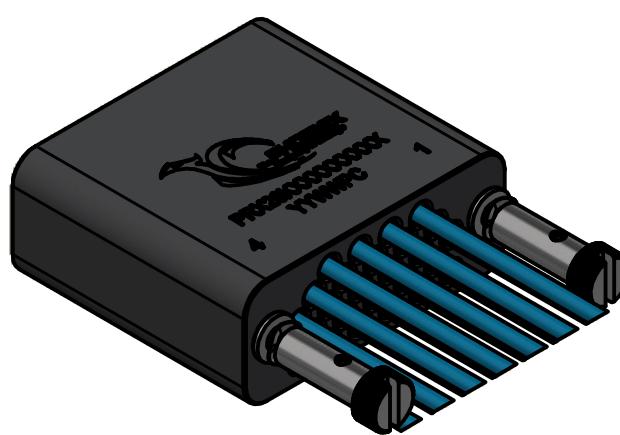
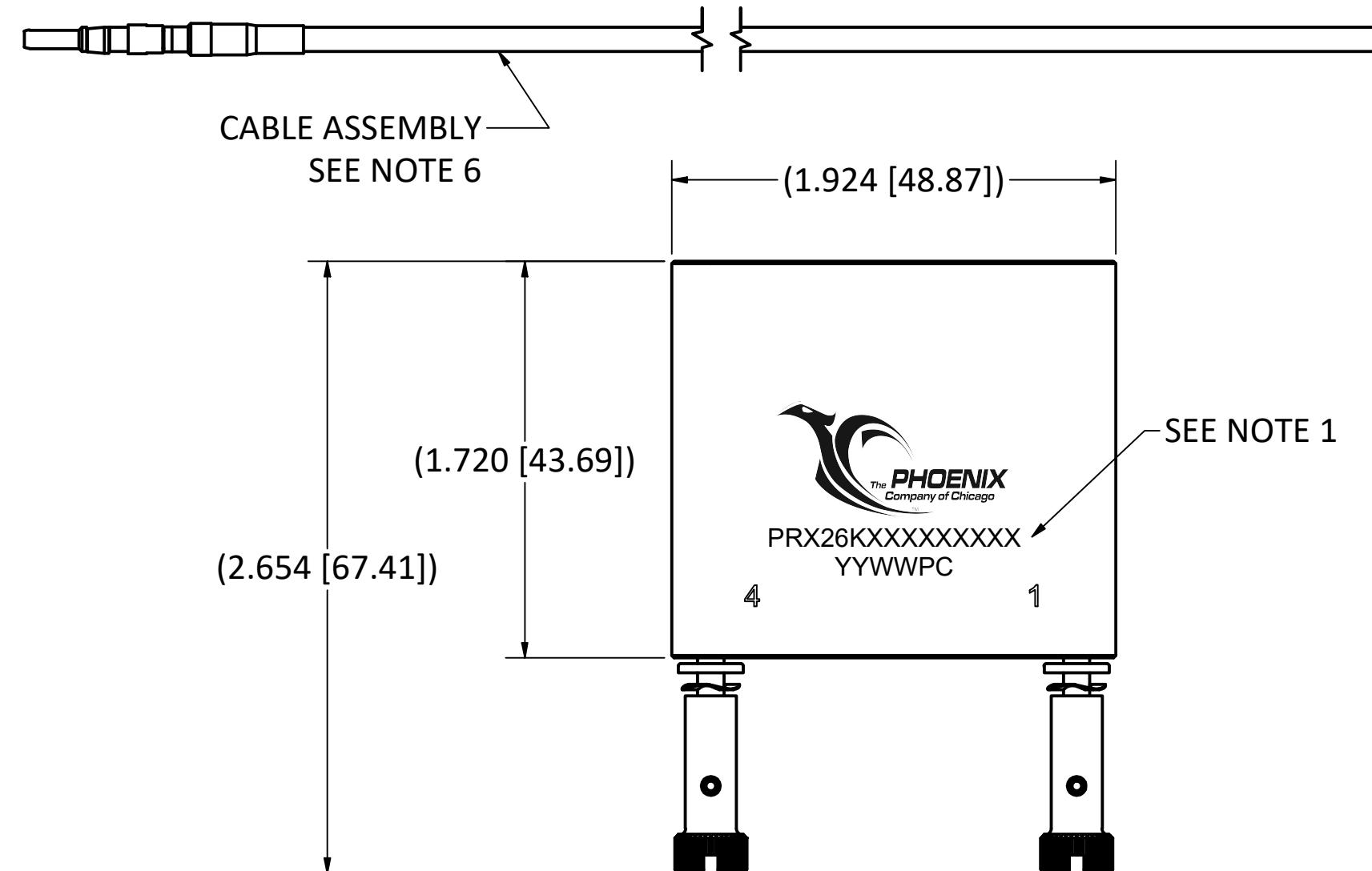
7. KIT ASSEMBLY PARTS:

a) PRX PLUG HOUSING ASSEMBLY

b) RF CABLE ASSEMBLIES

c) INSERTION TOOL

d) EXTRACTION TOOL



ASSEMBLED UNIT SHOWN
SCALE 1 : 1

C	ECN 14575	1/15/2026	DRW
B	ECN 14511	4/17/2025	KKC
A	ECN 14483 RELEASE	2/10/2025	DW
REV	DESCRIPTION	DATE	APPROVAL

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DO NOT SCALE PRINTS
TOLERANCES ARE:
FRACTIONS: $\pm 1/64$
DECIMALS: $.XX \pm .01$
 $.XXX \pm .003$
ANGLES: $\pm 1/2^\circ$

APPROVALS DATE
DRAWN KKC 11/24/2024
CHECKED AH 2/6/2025
QA
MFG
ENGINEER SJG 2/6/2025
APPROVED DW 2/7/2025

SIZE	FSCM	DWG NO	REV	PLATING OPT.
B	58167	PRX26KXXXXXX	C	
SCALE	F.S.R. #		SHEET	1 OF 4
4	3	2	1	

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PRX PLUG HARNESS KIT

4

3

2

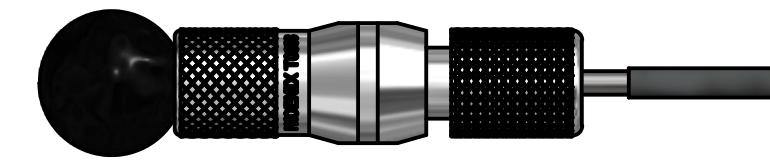
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B

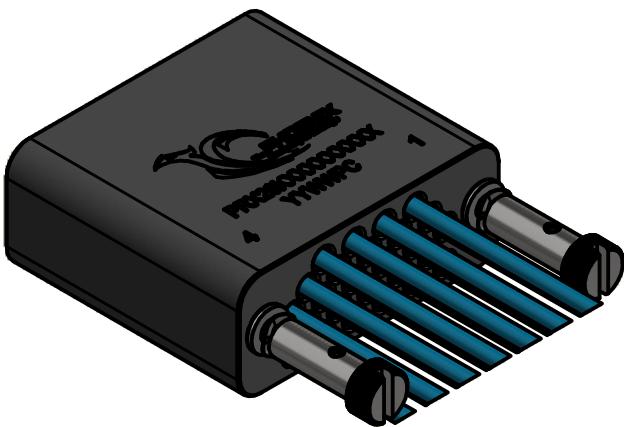
B



T3136 - ANGLED INSERTION TOOL
SIZE 16 CONTACTS



T0833 - REMOVAL TOOL
SIZE 16 CONTACTS



ASSEMBLED UNIT SHOWN
SCALE 1 : 1

4

3

2

1

A

A

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32

V

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T3136		T0833	
ANGLED INSERTION		REMOVAL	
TOOL TABLE			

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PRX PLUG HARNESS KIT

SIZE	FSCM	DWG NO	REV	PLATING OPT.
B	58167	PRX26KXXXXXXXXX	C	
SCALE		F.S.R. #	SHEET	OF 4
1			2	4

PRX HARNESS ASSEMBLY KIT CONFIGURATOR

PRX 26 K X XX XXXX

SERIES DESIGNATION _____

PKZ HIGH DENSITY PLUG HARNESS

NUMBER OF POSITIONS _____

26 = 26 POSITIONS

HOUSING TYPE _____

K = PLUG KIT

CORE SIZE _____

C = **12 CORE

D = 16 CORE

**Core sizes above 16 will result in a design with less than 26 positions.
Consult factory for details.

CABLE TYPE _____

64 = Times #AA-7741 (T-Flex 405HF) EK = .047 Flex Cable

23 = RG-178B/U (M17/93-RG178)

07 = RG-316/U (M17/113-RG316)F

BB = M17/151 (Belden 1674A) .047 Conf.

DY = 1.37mm, Black Coaxial Cable

NUMBER OF PkZ CABLE ASSEMBLIES (PkZ CONNECTOR TO BLUNT CUT END) _____

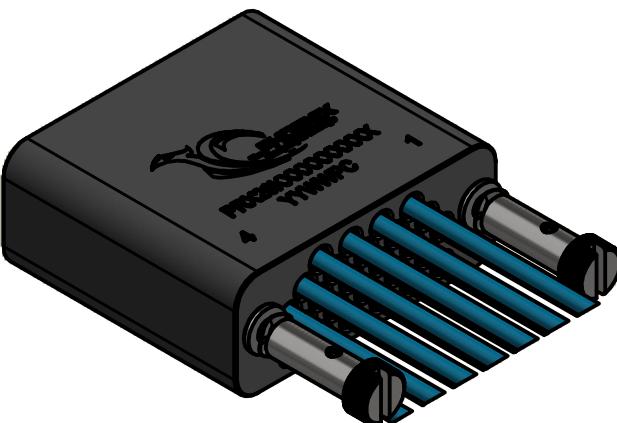
01 = 1	07 = 7	13 = 13	19 = 19	25 = 25
02 = 2	08 = 8	14 = 14	20 = 20	26 = 26
03 = 3	09 = 9	15 = 15	21 = 21	
04 = 4	10 = 10	16 = 16	22 = 22	
05 = 5	11 = 11	17 = 17	23 = 23	
06 = 6	12 = 12	18 = 18	24 = 24	

PkZ CABLE ASSEMBLY LENGTH (SHOWN FOR EXAMPLE) _____

INCH DESIGNATIONS
IN 1/2" INCREMENTSFOOT DESIGNATIONS
USE ONLY IF CABLE IS 8.3' OR LARGER

060A = 6.0"	085A = 8.5"	083F = 8.3'	105F = 10.5'
065A = 6.5"	090A = 9.0"	090F = 9.0'	110F = 11.0'
070A = 7.0"	100A = 10.0"	095F = 9.5'	115F = 11.5'
075A = 7.5"	105A = 10.5"	100F = 10.0'	120F = 12.0'

Note: For special configurations not available from the options listed above replace the last 4 characters with a sequential series of digits.

ASSEMBLED UNIT SHOWN
SCALE 1 : 1

C	ECN 14575	1/15/2026	DRW
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APPROVALS
DRAWN
K. Christian
11/26/2024
CHECKED
AH
2/6/2025
DO NOT SCALE PRINTS
QA
MFG
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ANGLES: $\pm 1/2^\circ$

DATE
2/6/2025
ENGINEER
APPROVED
32V

SIZE	FSCM	DWG NO	REV
B	58167	PRX26KXXXXXX	C
SCALE	F.S.R. #	SHEET	3 OF 4

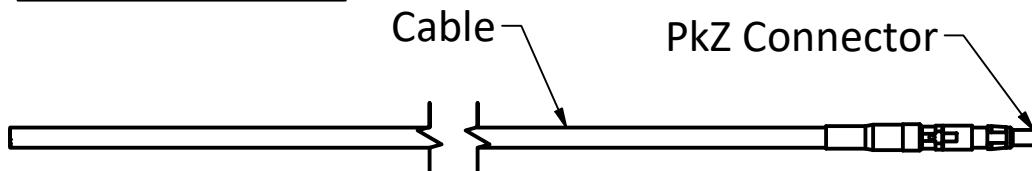
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PRX PLUG HARNESS KIT

HARNESS ASSEMBLY INSTRUCTIONS

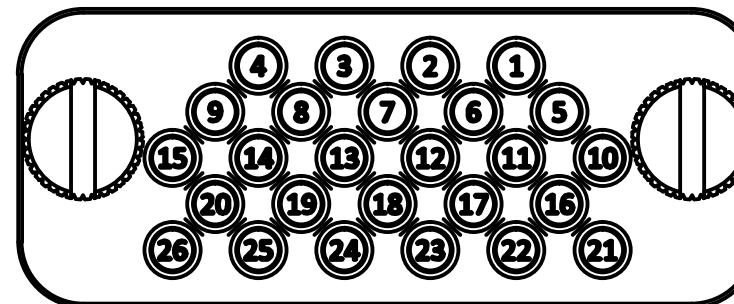
1. Install the PkZ end of the cable assembly into the corresponding hole position of the cable entry side of the housing (rear, Figure 1) using angled insertion tool T3136. PkZ contacts must snap into place. Repeat for remaining cable assemblies.

CABLE ASSEMBLIES

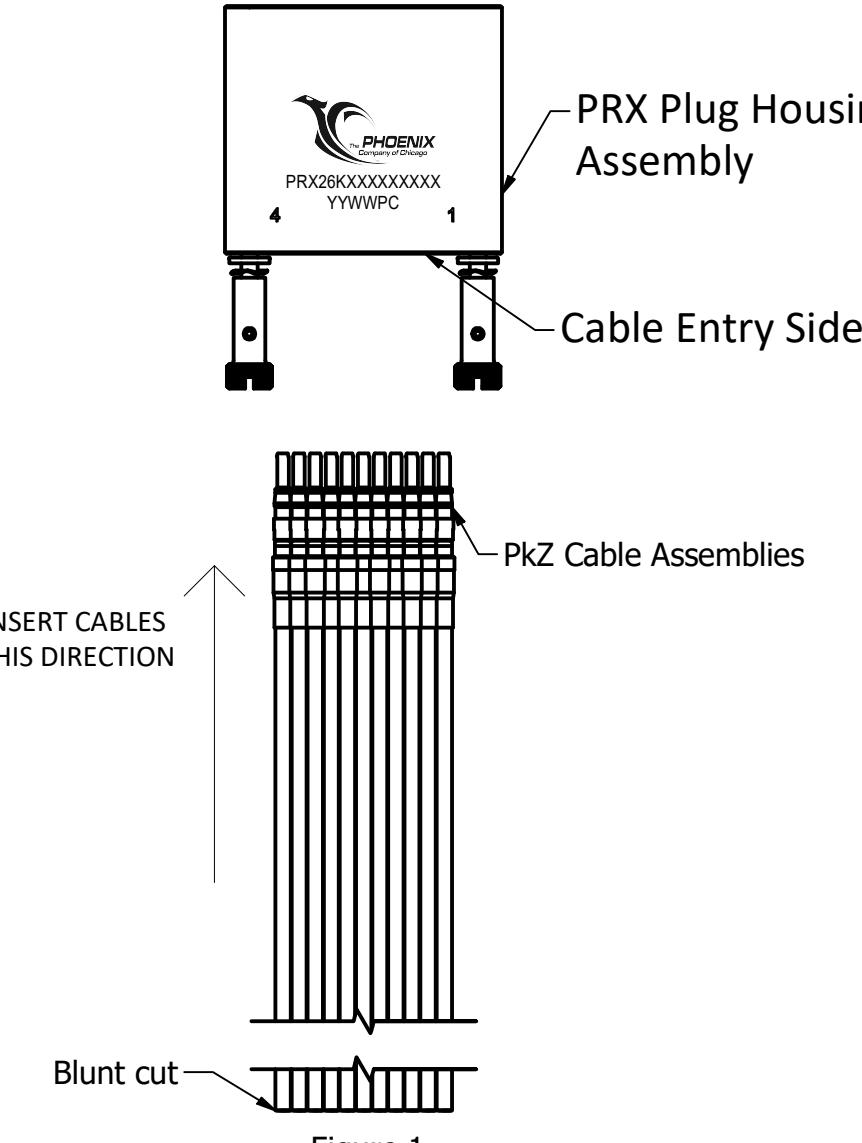


PRX PLUG HOUSING ASSEMBLY

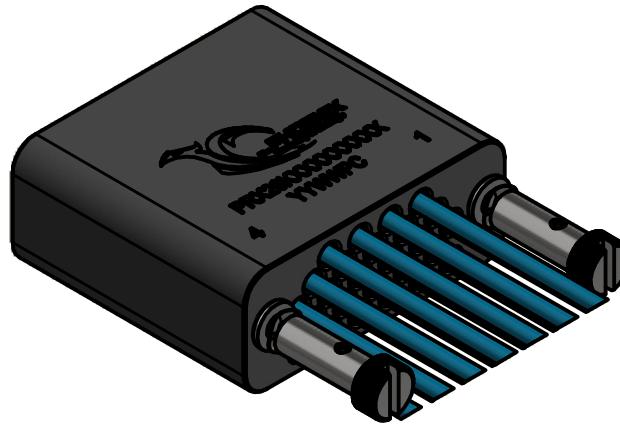
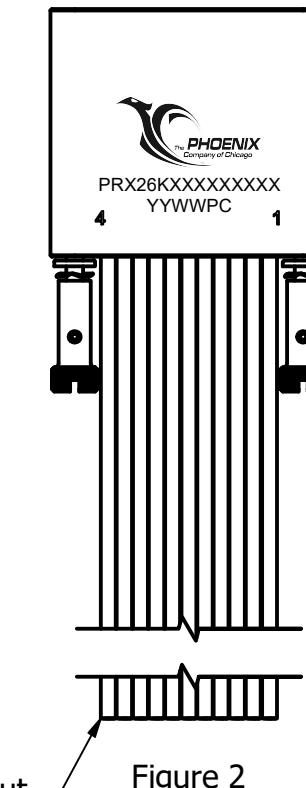
REAR CABLE ENTRY HOLE POSITIONS



INSERT CABLES
THIS DIRECTION



ASSEMBLED UNIT



ASSEMBLE UNIT SHOWN
SCALE 1 : 1

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32

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CHECKED AH 2/6/2025
QA
MFG
ENGINEER
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TITLE

SIZE FSCM DWG NO REV PLATING OPT.

B 58167 PRX26KXXXXXXX C

SCALE F.S.R. # SHEET 4 OF 4

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