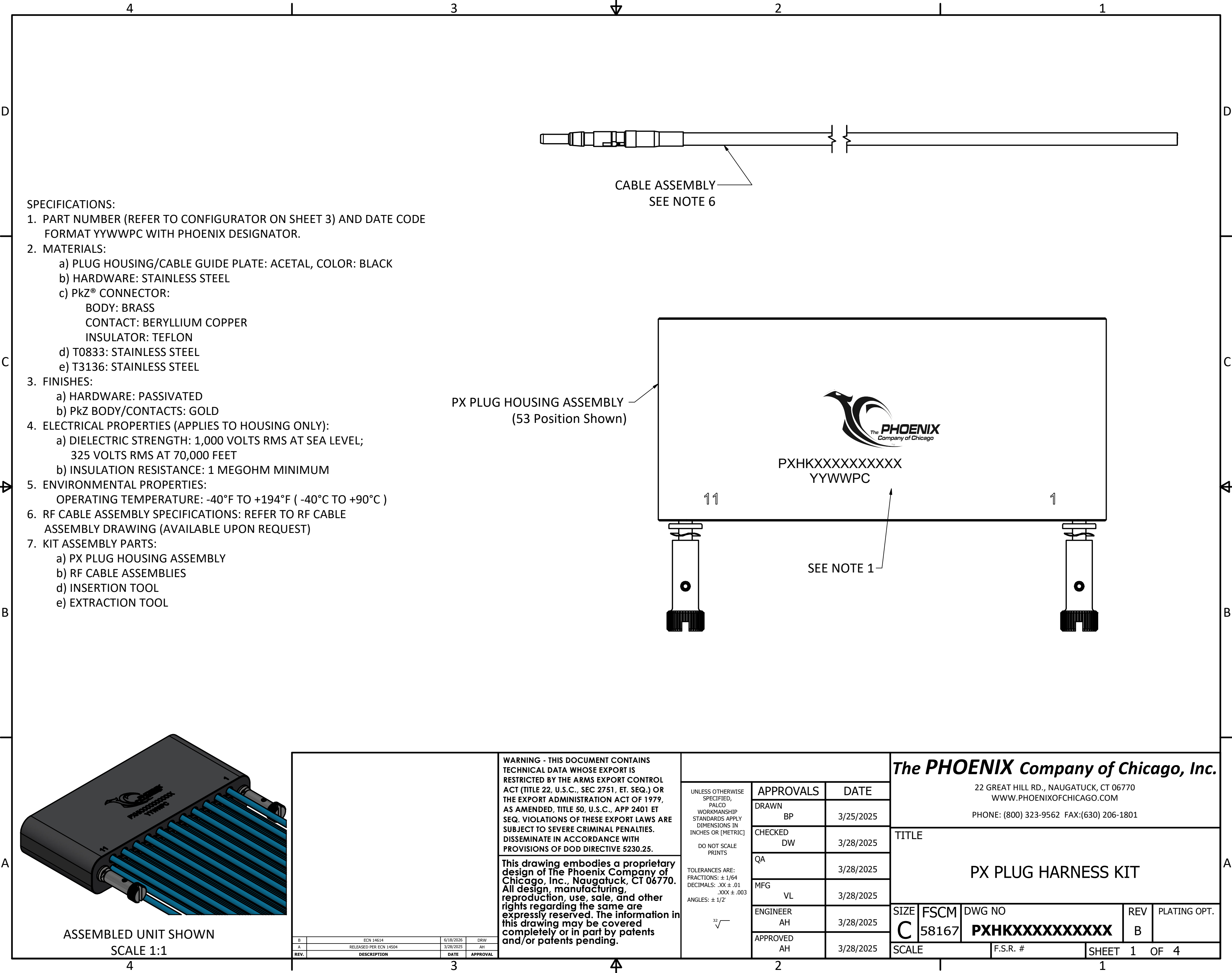




- SPECIFICATIONS:
1. PART NUMBER (REFER TO CONFIGURATOR ON SHEET 3) AND DATE CODE
FORMAT YYWWPC WITH PHOENIX DESIGNATOR.
 2. MATERIALS:
 - a) PLUG HOUSING/CABLE GUIDE PLATE: ACETAL, COLOR: BLACK
 - b) HARDWARE: STAINLESS STEEL
 - c) PkZ® CONNECTOR:
BODY: BRASS
CONTACT: BERYLLIUM COPPER
INSULATOR: TEFLON
 - 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) PX PLUG HOUSING ASSEMBLY
 - b) RF CABLE ASSEMBLIES
 - d) INSERTION TOOL
 - e) EXTRACTION TOOL

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	DRAWN	BP	3/25/2025
	CHECKED	DW	3/28/2025
	QA		3/28/2025
	MFG	VL	3/28/2025
	ENGINEER	AH	3/28/2025
APPROVED		AH	3/28/2025

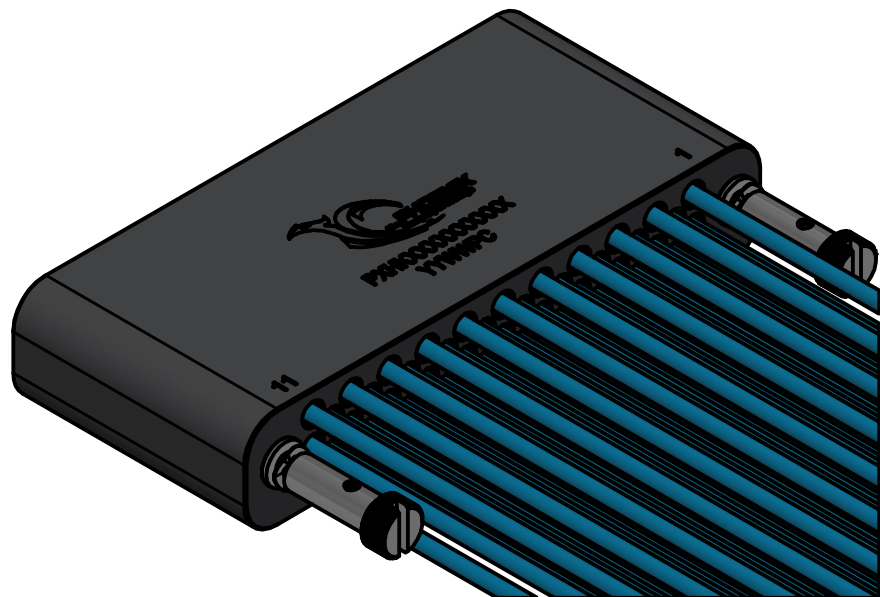
The <i>PHOENIX</i> Company of Chicago, Inc. 22 GREAT HILL RD., NAUGATUCK, CT 06770 WWW.PHOENIXOFCHICAGO.COM PHONE: (800) 323-9562 FAX:(630) 206-1801					
TITLE PX PLUG HARNESS KIT					
SIZE C	FSCM 58167	DWG NO PXHKXXXXXXXXXXXX		REV B	PLATING OPT.
SCALE		F.S.R. #		SHEET 1	OF 4



T3136 - ANGLED INSERTION TOOL
SIZE 16 CONTACTS



T0833 - REMOVAL TOOL
SIZE 16 CONTACTS



ASSEMBLED UNIT SHOWN
SCALE 1:1

T3136	T0833
ANGLED INSERTION	REMOVAL
TOOL TABLE	

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							DRAWN		3/25/2025						
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AH		3/28/2025		SIZE		FSCM		DWG NO		REV		PLATING OPT.			
APPROVED		AH													
3/28/2025		3/28/2025		SCALE		F.S.R. #		SHEET		2		OF		4	

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B	ECN 14614	6/18/2026	DRW
A	RELEASED PER ECN 14504	3/28/2025	AH
REV.	DESCRIPTION	DATE	APPROVAL

PX Part Numbering System for Harness Kits

PXHK16F P64XXXX

SERIES DESIGNATION

CONNECTOR SERIES

PkZ SIZE 12, OR 16

12 = SIZE 12 PkZ CONTACTS 16 = SIZE 16 PkZ CONTACTS

PX HOUSING SIZE

F - FULL	FULL SIZE 12 # OF CONTACTS (48)	FULL SIZE 16 # OF CONTACTS (53)
H - HALF	HALF SIZE 12 # OF CONTACTS (23)	HALF SIZE 16 # OF CONTACTS (28)
Q - QUARTER	QUARTER SIZE 12 # OF CONTACTS (13)	QUARTER SIZE 16 # OF CONTACTS (13)

PLUG OR RECEPTACLE DESIGNATION

P = PLUG R = RECEPTACLE C = CABLE RECEPTACLE

CABLE TYPE

- 64 = TIMES #AA-7741 (T-FLEX 405HF)
- 23 = RG-178B/U (M17/93-RG178)
- 07 = RG-316/U (M17/113-RG316)
- BB = M17/151 (BELDEN 167A) .047 CONF.
- FN = 1.32mm 75 OHM U. FL CABLE, BLACK
- DY = 1.37mm, BLACK COAXIAL CABLE
- 17 = RG-179B/U (M17/94-RG179)
- FC = 75 OHM, .086 CABLE
- EK = .047 FLEXIBLE CABLE

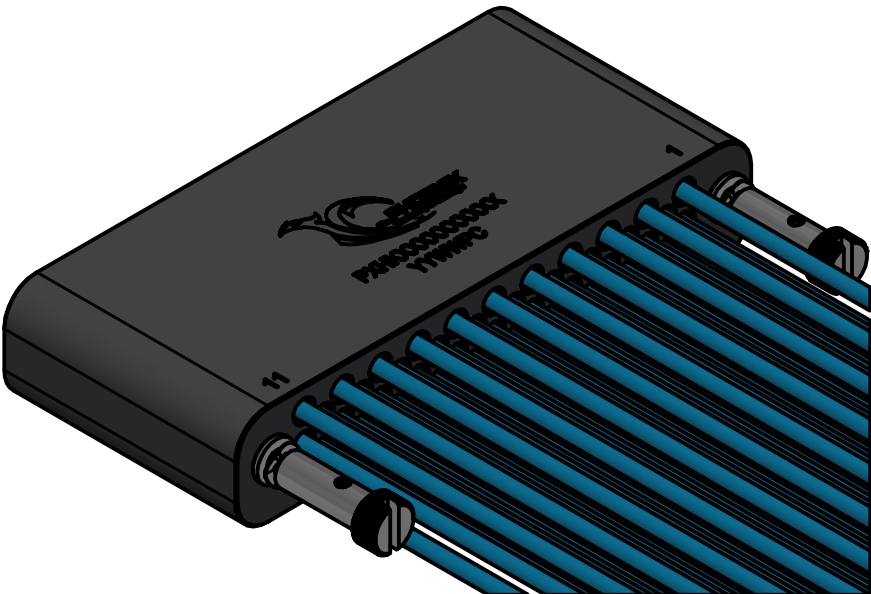
CABLE LENGTH (SHOWN FOR EAXMPLE)

"0000" IS FOR NO CABLE ASSEMBLIES INSTALLED

INCH DESIGNATIONS IN 1/2" INCREMENTS

- 060A = 6.0" 085A = 8.5"
- 065A = 6.5" 090A = 9.0"
- 070A = 7.0" 100A = 10.0"
- 075A = 7.5" 105A = 10.5"

NOTE: FOR SPECIAL CONFIGURATIONS NOT AVAILABLE FROM THE OTIONS LISTED ABOVE REPLACE THE LAST 4 CHARACTERS WITH XXXX

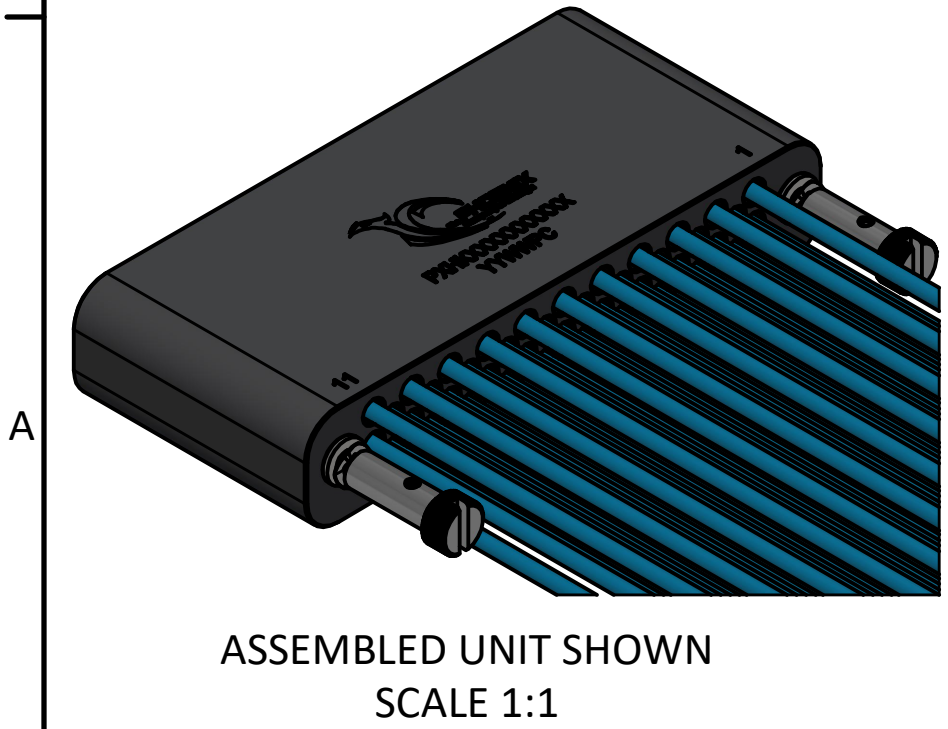
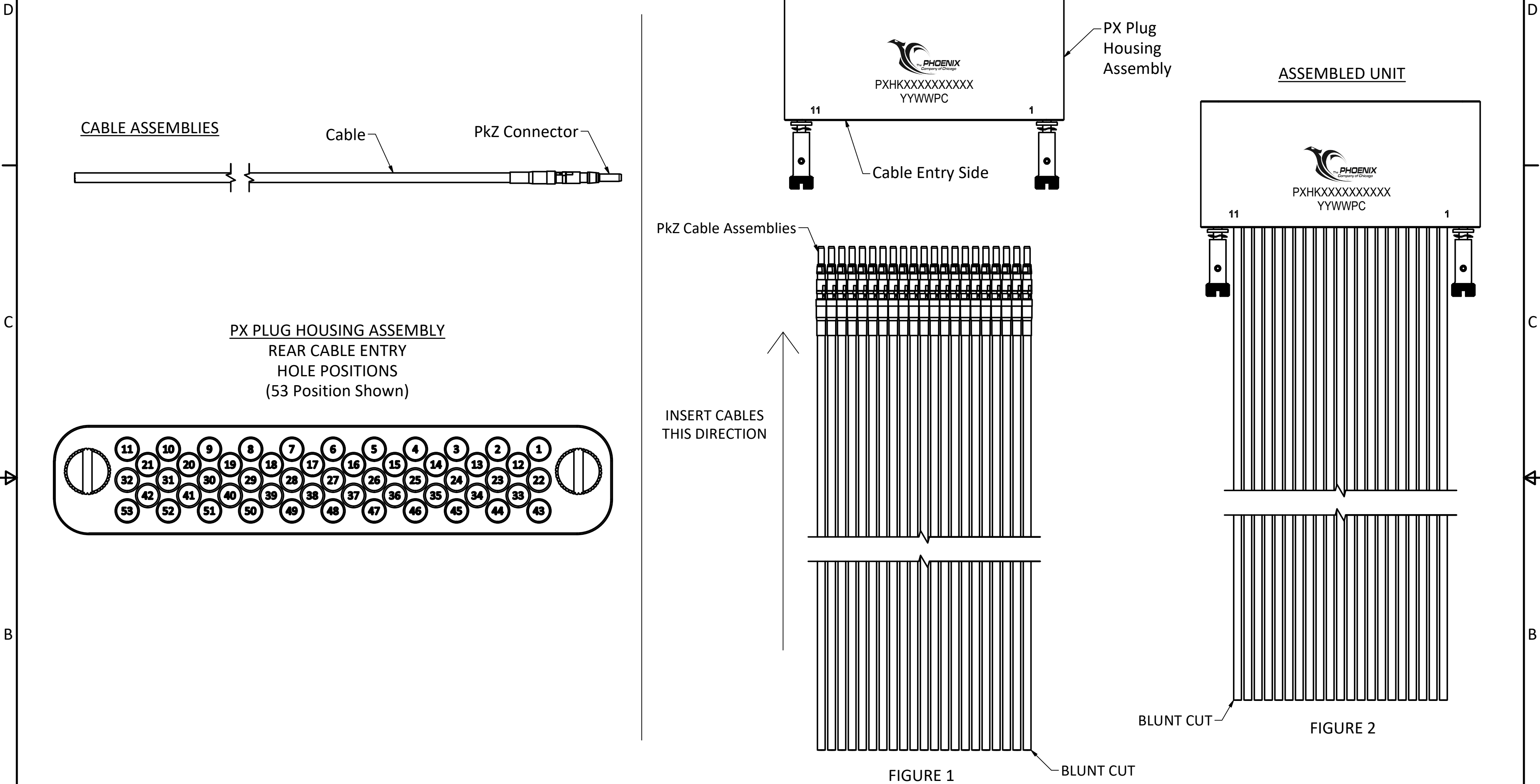


ASSEMBLED UNIT SHOWN
SCALE 1:1

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				TITLE PX PLUG HARNESS KIT		
				SIZE	FSCM	DWG NO
				C	58167	PXHKXXXXXXXXXX
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				DRAWN BP		3/25/2025
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				MFG VL		3/28/2025
				ENGINEER AH		3/28/2025
				APPROVED AH		3/28/2025
				SCALE		F.S.R. #
				SHEET 3 OF 4		

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.



ASSEMBLED UNIT SHOWN
SCALE 1:1

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				APPROVALS		DATE		DRAWN	
CHECKED		DW		3/28/2025		QA		3/28/2025	
MFG		VL		3/28/2025		ENGINEER		AH	
APPROVED		AH		3/28/2025		SCALE		F.S.R. #	
REV.		DESCRIPTION		DATE		APPROVAL		AH	
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TITLE

PX PLUG HARNESS KIT

SIZE **C** FSCM 58167 DWG NO **PXHKXXXXXXXXXX** REV **B** PLATING OPT.

SHEET 4 OF 4