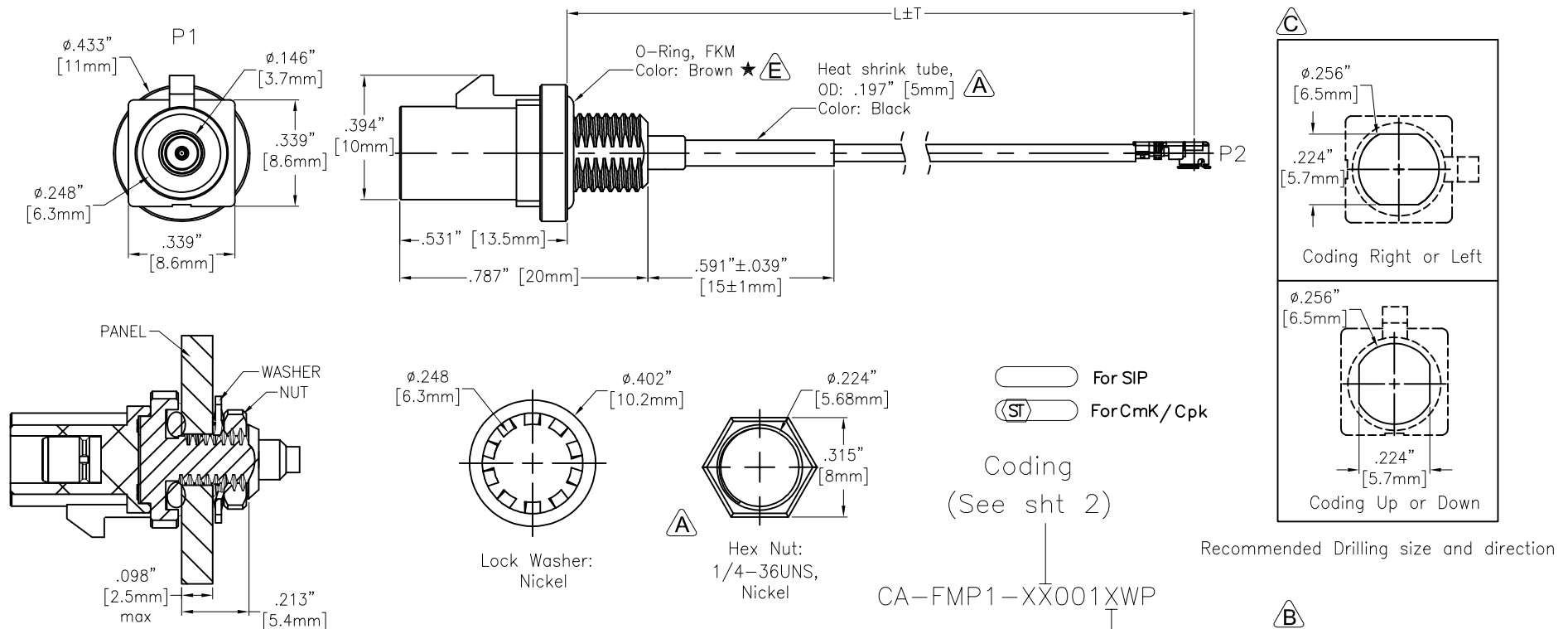


APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	10/28/22	
A		UPDATED SPEC.	12/14/22	JJ/RC
B		UPDATED SPEC.	6/16/23	WX/YC
C		UPDATED DRAWING	9/26/23	WX/YC
D		UPDATED DRAWING	4/23/25	WY/KC
E		UPDATE SPEC.	5/21/25	WY/AC



SPECIFICATIONS:

Connector:

P1= FAKRA Plug Code See page2, Straight, Terminal: Brass Gold Plated, Shell: Brass, Nickel
Overmold: Hi-Temp Thermoplastic, HF, Color: White

P2= I-PEX MHF20351, Gold plated

Cable:

30AWG, OD.: $.054"$ [1.37mm], Jacket Color: Grey

Electrical:

Impedance: 50ohm

Temperature Rating:

Operating temperature: -40°C to $+90^{\circ}\text{C}$

Electrical Test:

All Assemblies must be 100% Tested for
Shorts, Open, Continuity, and Physical Appearance.

Environmental:

IP Rating: IP67 (Connector to Panel)

Lead free, RoHS compliant



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS
ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED

INCHES	HOLES
.X $\pm .10$	$\phi.X \pm .10$
.XX $\pm .020$	$\phi.XX \pm .015$
.XXX $\pm .015$	$\phi.XXX \pm .010$

DRAWN	WX	10/28/22
CHECKED	RC	10/28/22
APPROVED		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY
AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN
PERMISSION FROM ADAM TECH

**ADAM
TECH**

909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

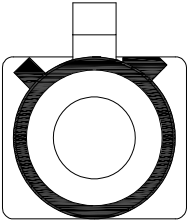
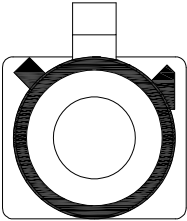
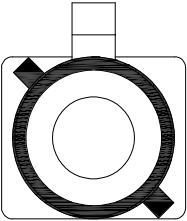
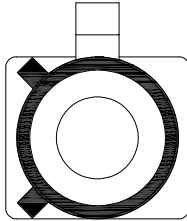
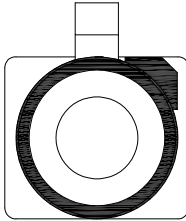
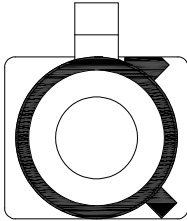
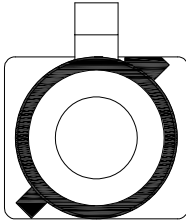
TITLE CUSTOM CABLE ASSEMBLY, FAKRA PLUG STRAIGHT TO I-PEX MHF20351, 30AWG, IP67 RATED			REV. E
SIZE X	PART NO. CA-FMP1-XX001XWP		
REF: S00013T	SCALE: NTS	SHEET 1 OF 2	

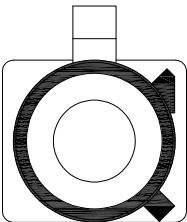
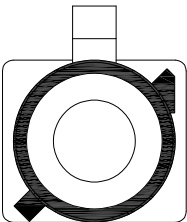
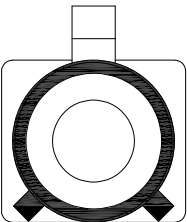
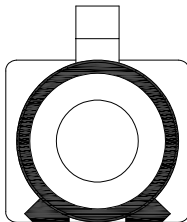
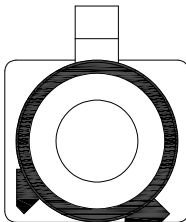
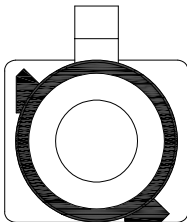
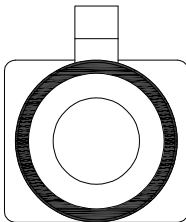
APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 2 FOR REVISION				

Fakra Jack

Coding	A	B	C	D	E	F	G
Plug							
Color	Back	White	Blue	Bordeaux Violet	Green	Brown	Grey

Coding	H	I	K	L	M	N	Z
Plug							
Color	Violet	Beige	Curry	Camine Red	Pastel Orange	Pastel Green	Water Blue

CA-FMP1-XX001XWP

P1 Coding

(Replace X with coding letter)

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED			ADAM TECH		909 Rahway Avenue, Union, NJ 07083 Phone: 908-687-5000 Fax: 908-687-5710		
INCHES .X ± .10 .XX ± .020 .XXX ± .015			HOLES Ø.X ± .10 Ø.XX ± .015 Ø.XXX ± .010			TITLE CUSTOM CABLE ASSEMBLY, FAKRA PLUG STRAIGHT TO I-PEX MHF20351, 30AWG, IP67 RATED	
DRAWN	WX	10/28/22	SIZE X		PART NO. CA-FMP1-XX001XWP		REV. E
CHECKED	RC	10/28/22	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH		REF: S00013T		SHEET 2 OF 2
APPROVED			SCALE: NTS				