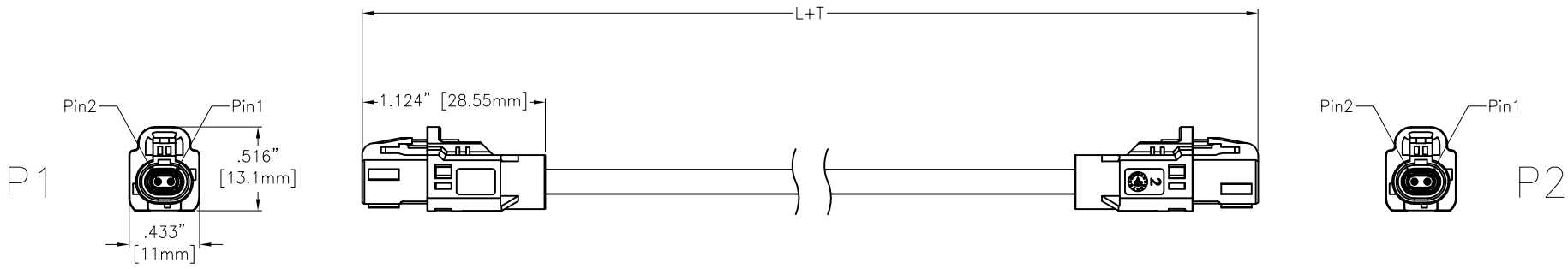
APPROVED: _____

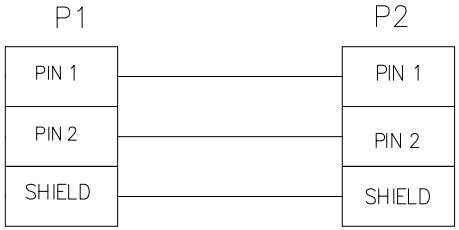
DATE: _____ TITLE: _____

CUSTOM PRODUCT ARE NON-CANCELABLE / NON-RETURNABLE

Rev	AWO #	Description	Date	Appr
-		RELEASED	8/5/25	
A		UPDATE SPEC.	9/3/25	WY/RC



PIN ASSIGNMENT



SPECIFICATIONS:

Connector:

P1&P2= High-speed Modular Twisted-pair Data Jack Connector 2Pin, 6u" Gold Plated, Z code Color: Water Blue

Cable:

Diffierential Cable, 26AWGx2C, O.D= .150" [3.8mm], Jacket color: Black

Electrical:

Impedance: 100ohms

Insulation resistance: 100Mohms min

Return loss:

Long SCC case8 for IL(3 GHz) > 15 dB:

≥(201≤f<48020-10log10(f485rft0)480≤f<3000123000≤f≤4000)db

1≤f≤4000, frequency fin MHz

Mechanical:

Insertion Force: 45N max

Unmating Force: 5N min

Durability: 25 cycles min

Environmental:

Thermal shock & Mechanical shock & Humidity & Vibration:

USCAR-2 & USCAR-17

DIN EN 60512 & DIN IEC 60068

Temperature Rating:

Operating temperature: -40°C to +105°C

Electrical Test:

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

Packing:

Standard: Bag

Environmental:

Lead free, RoHS compliant

RoHS COMPLIANT

CA-HTJ1X-HTJ1X-XM

ADAM TECH P/N	L+T
CA-HTJ1Z-HTJ1Z-1M	39.370"±1.181" [1000±30mm] (Z-CODE)

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

INCHES	.X	± .10	HOLES	Ø.X	±.10
	.XX	± .020		Ø.XX	±.015
	.XXX	± .015		Ø.XXX	±.010

DRAWN	WY	8/5/25
CHECKED	RC	8/5/25
APPROVED		

METABEE

Metabee (Chengdu) Technology Co., Ltd.

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TITLE

CUSTOM ASSEMBLY, 26AWG, W/TPA, HIGH-SPEED MODULAR TWISTED-PAIR DATA JACK CONNECTOR 2PIN

SIZE	PART NO.	REV.
X	CA-HTJ1X-HTJ1X-XM	A

REF:	SCALE:	SHEET
S00013T	NTS	1 OF 1