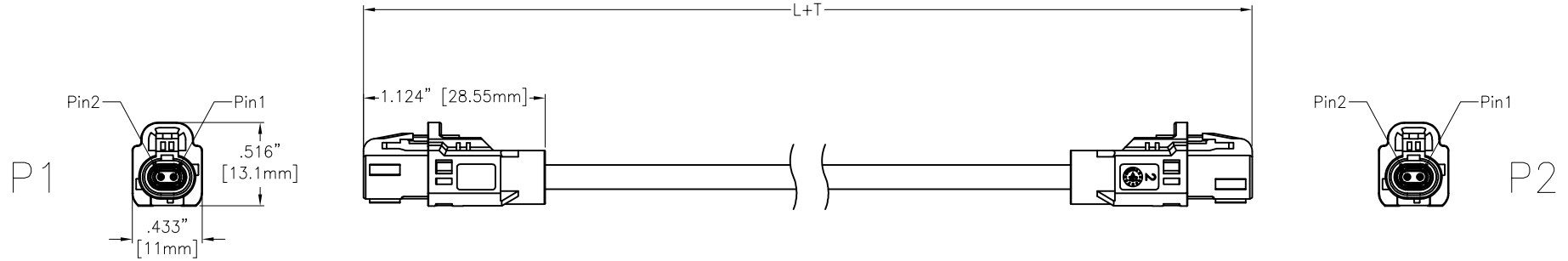


APPROVED: _____

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

P1		P2
PIN 1		PIN 1
PIN 2		PIN 2
SHIELD		SHIELD

SPECIFICATIONS:

Connector:

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

Cable:

Differentiable 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:

$\geq (201 \leq f < 48020 - 10 \log_{10}(f485 \text{ rft}0)480 \leq f < 3000123000 \leq f \leq 4000) \text{db}$

$1 \leq f \leq 4000$, 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



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

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

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

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**ADAM
TECH**

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

SIZE X	PART NO. CA-HTJ1X-HTJ1X-XM	REV. A
REF: S00013T	SCALE: NTS	SHEET 1 OF 1