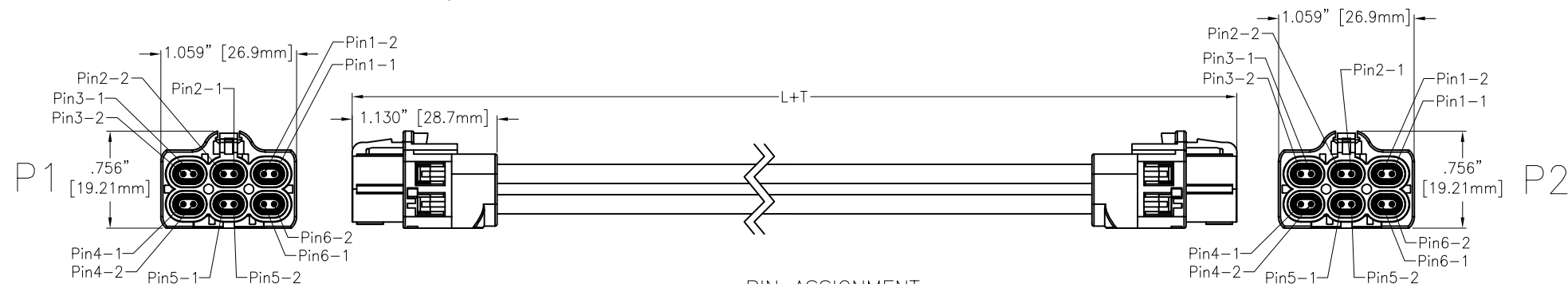


APPROVED: _____

DATE: _____ TITLE: _____

CUSTOM PRODUCT ARE NON-CANCELABLE / NON-RETURNABLE

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



PIN ASSIGNMENT

P1	P2
PIN 1-1	PIN 1-1
PIN 1-2	PIN 1-2
PIN 2-1	PIN 2-1
PIN 2-2	PIN 2-2
PIN 3-1	PIN 3-1
PIN 3-2	PIN 3-2
PIN 4-1	PIN 4-1
PIN 4-2	PIN 4-2
PIN 5-1	PIN 5-1
PIN 5-2	PIN 5-2
PIN 6-1	PIN 6-1
PIN 6-2	PIN 6-2
SHIELD	SHIELD

SPECIFICATIONS:

Connector:

P1&P2= High-speed Modular Twisted-pair Data Jack Connector 6Pin
Code see Page 2, 30u" Gold Plated

Cable:

Differential Cable, 26AWGx2C+AL+BRAID, O.D= .150" [3.8mm],
Jacket color: Black TPE

Electrical:

Impedance: 100ohms

Insulation resistance: 100Mohms min @ 500V DC

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:

Mating Cycles: 25 cycles min

Insertion Force: 75N max

Unmating Force: 5N min

Retention force latch: 110N 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-HTJ6X-HTJ6X-XM

ADAM TECH P/N	L+T
CA-HTJ6X-HTJ6X-1M	39.370"±1.181" [1000±30mm]

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

8/25/25

CHECKED

RC

8/25/25

APPROVED

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**ADAM
TECH**

909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
adam-tech.com

TITLE
CUSTOM ASSEMBLY, 26AWG, W/TPA, HIGH-SPEED MODULAR
TWISTED-PAIR DATA JACK CONNECTOR 2X3

SIZE X	PART NO. CA-HTJ6X-HTJ6X-XM	REV. A
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REF: S00013T	SCALE: NTS	SHEET 1 OF 2
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5

4

3

2

1

APPROVED: _____

DATE: _____ TITLE: _____

Rev

AWO #

Description

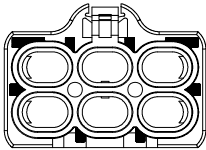
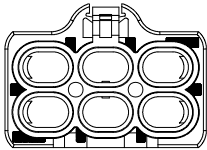
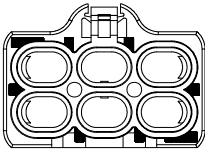
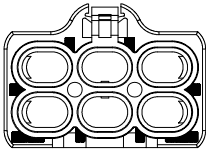
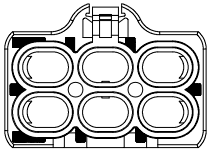
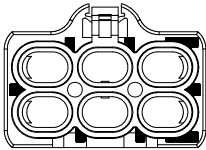
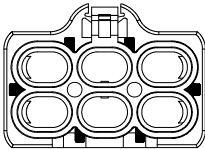
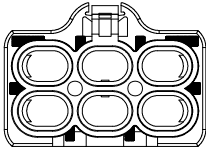
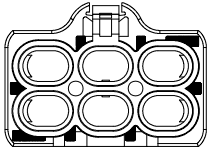
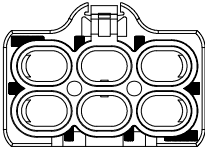
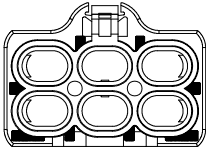
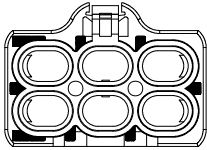
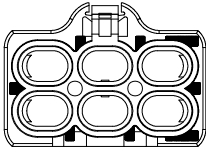
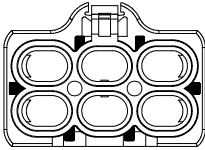
Date

Appr

SEE SHT 1 OF 2 FOR REVISION

★ Developing

CA-HTJ6X-HTJ6X-XM

A	B	C	D	E	F	Z
						
Jet Black	Pure White	Light Blue	Claret Violet	May Green	Nut Brown	Water Blue
G★	H★	J★	K★	L★	M★	O★
						
Platinum Grey	Light Pink	Beige	Curry	Yellow Green	Pastel Orange	Light Green

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ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED

.X	± .10	Ø.X	± .10
INCHES .XX	± .020	HOLES Ø.XX	± .015
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DRAWN

WY

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CHECKED

RC

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TITLE

CUSTOM ASSEMBLY, 26AWG, W/TPA, HIGH-SPEED MODULAR
TWISTED-PAIR DATA JACK CONNECTOR 2X3SIZE
X

PART NO.

CA-HTJ6X-HTJ6X-XM

REV.
A

REF: S00013T

SCALE: NTS

SHEET 2 OF 2