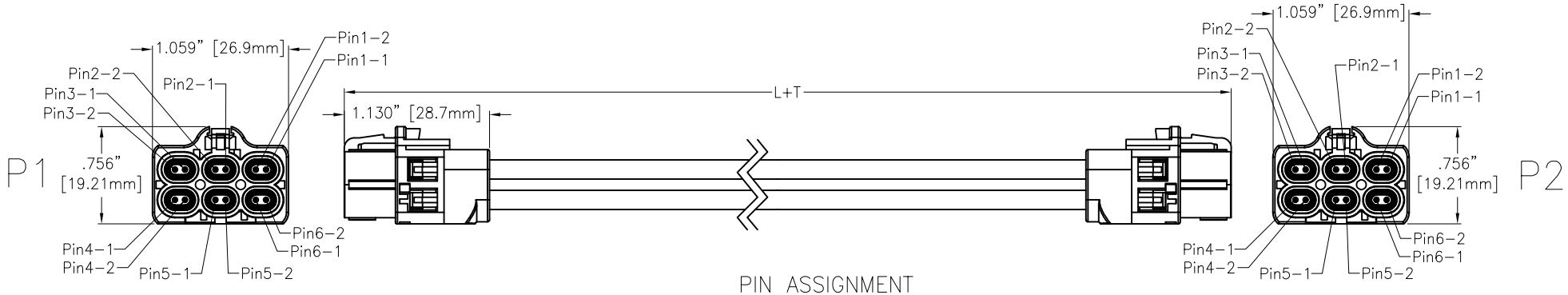
Rev	AWO #	Description	Date	Appr
-		RELEASED	8/25/25	
A		UPDATE SPEC.	9/3/25	WY/RC

APPROVED: _____

DATE: _____ TITLE: _____

CUSTOM PRODUCT ARE NON-CANCELABLE / NON-RETURNABLE



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

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

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

METABEE
Metabee (Chengdu) Technology Co., Ltd.
Tel: +8615926241606 E-mail: Sales@metabeeai.com

METABEE

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

SIZE	PART NO.	REV.
X	CA-HTJ6X-HTJ6X-XM	A

REF:	SCALE:	SHEET
S00013T	NTS	1 OF 2

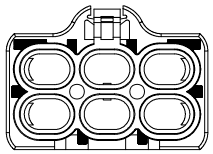
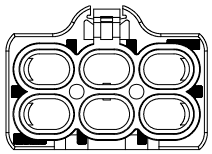
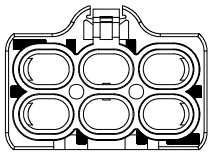
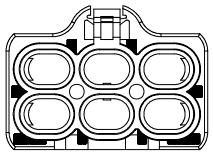
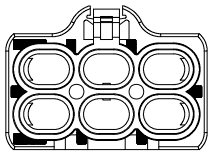
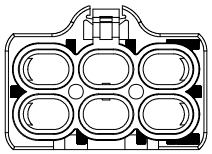
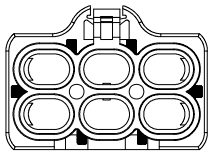
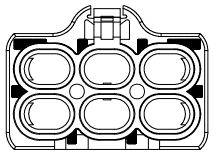
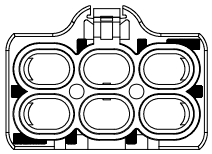
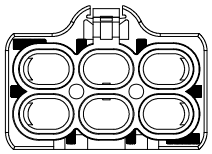
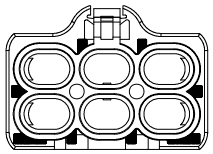
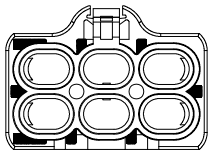
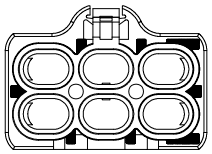
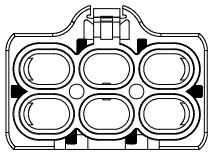
Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 2 FOR REVISION				

APPROVED: _____

DATE: _____ TITLE: _____

★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

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	8/25/25
CHECKED	RC	8/25/25
APPROVED		

METABEE

Metabee (Chengdu) Technology Co., Ltd.

Tel: +8615926241606 E-mail: Sales@metabeeai.com

METABEE

TITLE

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

SIZE	PART NO.	REV.
X	CA-HTJ6X-HTJ6X-XM	A

REF:	SCALE:	SHEET
S00013T	NTS	2 OF 2