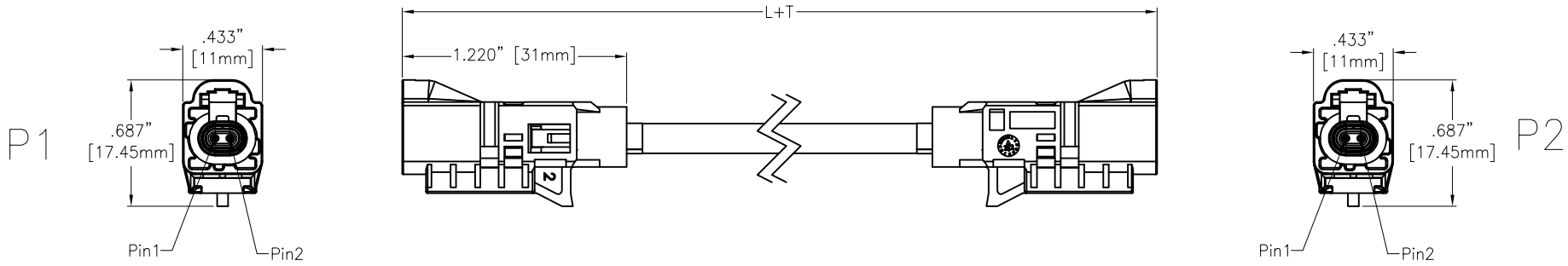
APPROVED: _____

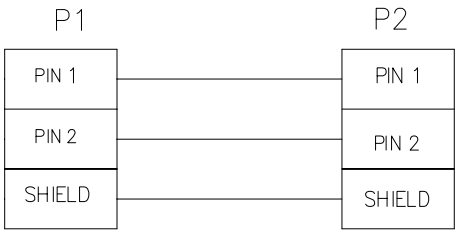
DATE: _____ TITLE: _____

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

CUSTOM CABLE ASSEMBLIES ARE NON-CANCELLABLE/NON-RETURNABLE



PIN ASSIGNMENT



SPECIFICATIONS:

Connector:

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

Cable:

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

Electrical:

Frequency: 1 GHz
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
Engagement force: 30 max
Retention force latch: 80N min

Environmental:

Thermal shock & Mechanical shock & 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-HTP1X-HTP1X-XM

ADAM TECH P/N	L+T
CA-HTP1X-HTP1X-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	8/5/25
CHECKED	RC	8/5/25
APPROVED		

METABEE

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

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

SIZE	PART NO.	REV.
X	CA-HTP1X-HTP1X-XM	A

REF:	SCALE:	SHEET
S00013T	NTS	1 OF 2

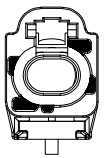
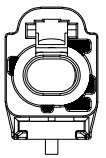
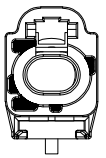
Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 2 FOR REVISION				

APPROVED: _____

DATE: _____ TITLE: _____

CUSTOM CABLE ASSEMBLIES ARE NON-CANCELLABLE/NON-RETURNABLE

CA-HTP1X-HTP1X-XM

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

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		

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METABEE

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

SIZE	PART NO.	REV.
X	CA-HTP1X-HTP1X-XM	A

REF:	SCALE:	SHEET
S00013T	NTS	2 OF 2