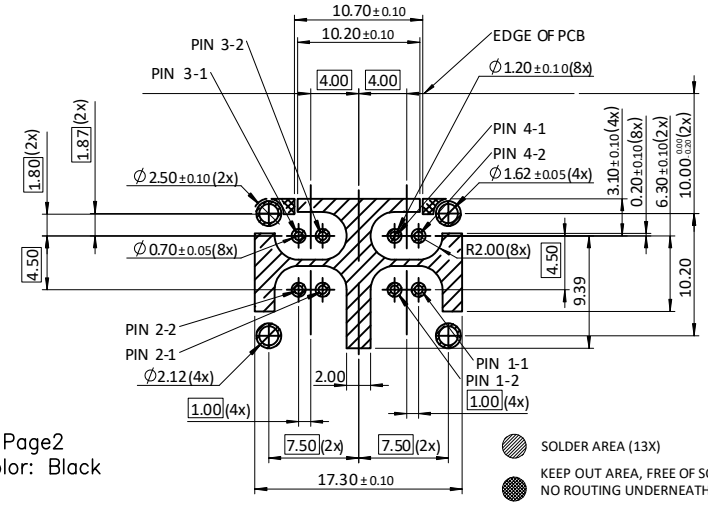
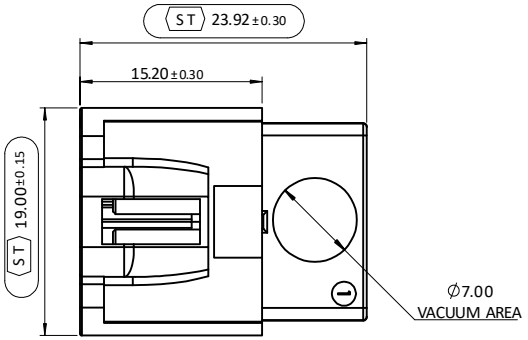
APPROVED: _____

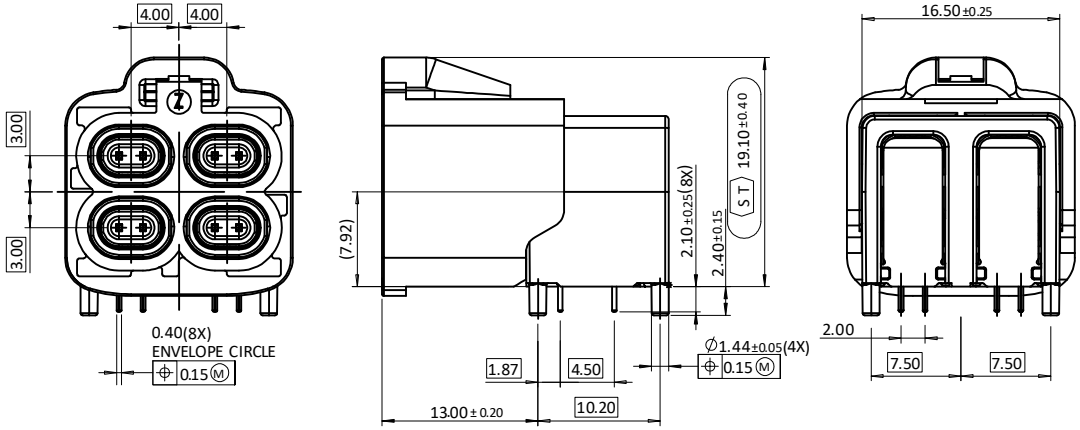
DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	7/17/24	
A		UPDATE SPEC.	9/3/25	WY/RC



RECOMMENDED PCB LAYOUT





SPECIFICATIONS:

Material:
Coding Housing: PA, Color: See Page2
Inner Housing: Thermoplastic, Color: Black
Contacts: Copper Alloy
Outer Contact: Zinc Alloy, 80–200u" Tin Plated
Ground Pin: Copper Alloy, 80–160u" Tin Plated

Contact Plating:
Contact area: 6u" Gold Plated
Solder tails area: 80–160u" Tin Plated
Underplate: 80–160u" Nickel underplate overall

Electrical:
Voltage rating: 60V DC Max
Current rating: 1.5A max
Contact resistance: 10 mohms max
Insulation resistance: 100 Mohms min
Dielectric withstanding voltage: 250V rms
Impedance, differentail mode: 100Ω
Frequency Range: DC to 10 GHz
Return loss: ≧30 dB, 0.01 GHz to 3 GHz
≧25 dB, 3 GHz to 6 GHz
≧20 dB, 6 GHz to 10 GHz
≧15 dB, 10 GHz to 15 GHz
≧12 dB, 15 GHz to 20 GHz

Mechanical:
Durability: 25 Cycles
Engagement force: 75N max
Retention force: 110N min
Coding efficiency: 150N min

Environmental:
Thermal shock & Mechanical shock & Vibration:
USCAR–2 & USCAR–17
DIN EN 60512 & DIN IEC 60068
Soldering: IEC 60068–2

Temperature Rating:
Operating temperature: –40°C to +105°C

Packing:
Standard: 40 pcs in tape & reel

Environmental:
Lead free, RoHS compliant RoHS COMPLIANT

PACKAGED ON TAPE & REEL

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED

MM X. ± 0.50, .X ± 0.30, .XX ± 0.20 ANGLE ± 5°

DRAWN	LH	7/17/24
CHECKED	JL	7/17/24
APPROVED		

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TITLE
HIGH-SPEED MODULAR TWISTED-PAIR DATA RIGHT ANGLE PLUG 2X2

SIZE	PART NO.	REV.
X	HTX-04XDBLC1R	A

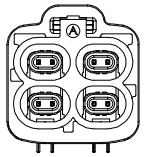
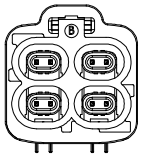
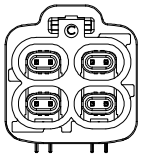
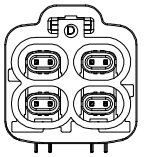
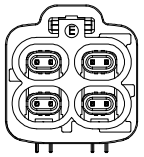
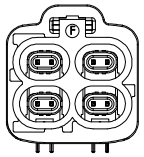
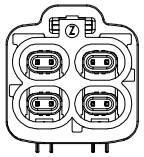
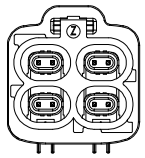
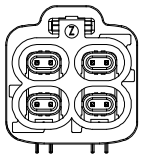
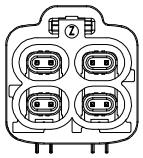
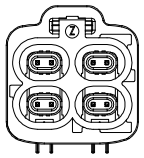
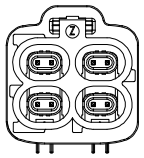
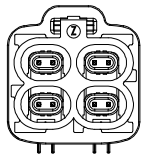
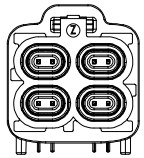
REF: S00013T | SCALE: NTS | SHEET 1 OF 2

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

APPROVED: _____

DATE: _____ TITLE: _____

HTX-04XDBLC1R

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

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED

MM .X. ± 0.50, .X ± 0.30, .XX ± 0.20 ANGLE ± 5°

DRAWN	LH	7/17/24
CHECKED	JL	7/17/24
APPROVED		

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METABEE

TITLE
HIGH-SPEED MODULAR TWISTED-PAIR DATA RIGHT ANGLE PLUG 2X2

SIZE	PART NO.	REV.
X	HTX-04XDBLC1R	A

REF:	SCALE:	SHEET
S00013T	NTS	2 OF 2