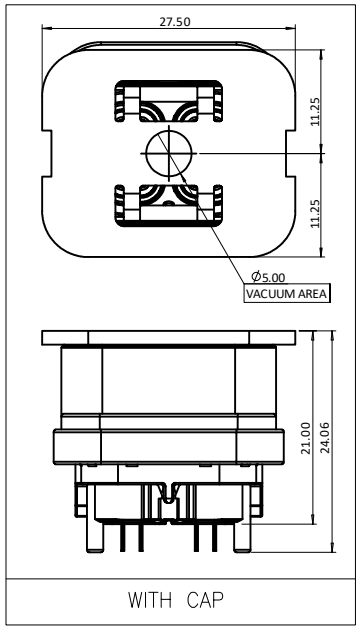
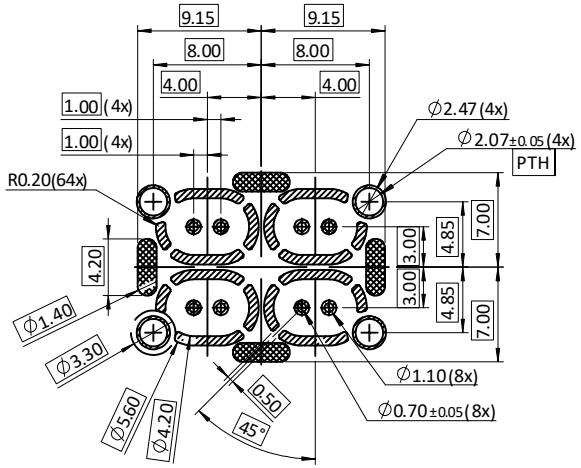
APPROVED: _____

DATE: _____ TITLE: _____

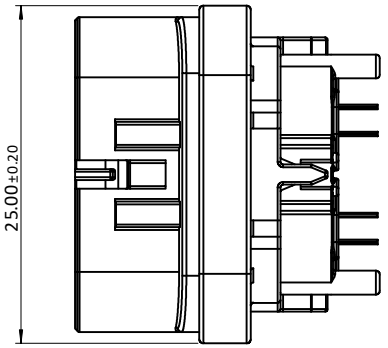
Rev	AWO #	Description	Date	Appr
-		RELEASED	8/5/25	
A		UPDATE SPEC.	9/3/25	WY/RC

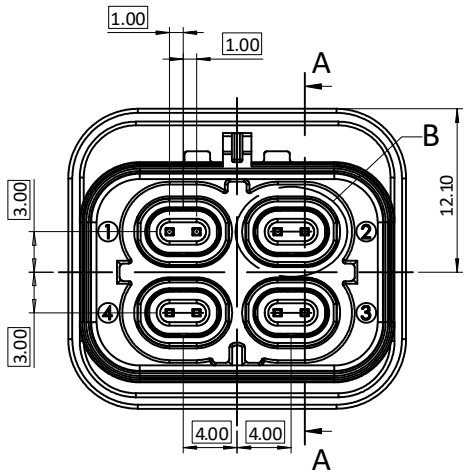


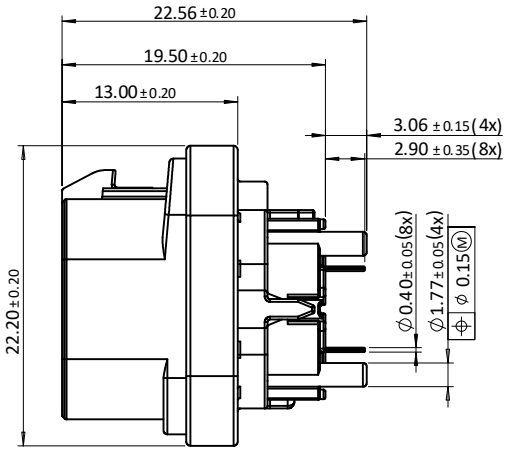
WITH CAP



RECOMMENDED PCB LAYOUT







SPECIFICATIONS:

Material:
Coding Housing: PA, Color: See page2
Inner Housing: Thermoplastic, Color: Black
Contacts: Copper Alloy
Outer Contact: Zinc Alloy, 120–240u" 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:
Impedance: 100Ω
Voltage rating: 60 DC max
Current rating: 1.5A max
Contact resistance: 10mΩ max
Insulation resistance: 100MΩ min
Dielectric withstanding voltage: 250V rms
Frequency: DC to 20 GHz

Mechanical:
Durability: 25 Cycles

Environmental:
Mechanical shock: EN 60068–2–27

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

Packing:
Standard: 50 pcs in tape & reel

Environmental:
Waterproof: IP67/IP69K
Lead free, RoHS compliant RoHS COMPLIANT

PACKAGED ON TAPE & REEL

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

MM	X.	± 0.30	
	.X	± 0.20	ANGLE ± 2°
	.XX	± 0.10	

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: HIGH-SPEED MODULAR TWISTED-PAIR DATA STRAIGHT PLUG 2X2, W/CAP, IP67/IP69K

SIZE	PART NO.	REV.
X	HTX-04XDALC11R	A

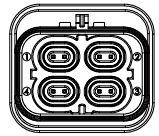
REF:	SCALE:	SHEET
S00013T	NTS	1 OF 2

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

APPROVED: _____

DATE: _____ TITLE: _____

HTX-04XDALC11R

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

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

MM X. ± 0.30 .X ± 0.20 .XX ± 0.10 ANGLE ± 2°

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

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

TITLE: HIGH-SPEED MODULAR TWISTED-PAIR DATA STRAIGHT PLUG 2X2, W/CAP, IP67/IP69K

SIZE	PART NO.	REV.
X	HTX-04XDALC11R	A

REF:	SCALE:	SHEET
S00013T	NTS	2 OF 2