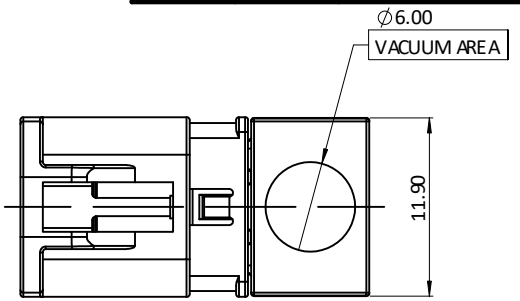
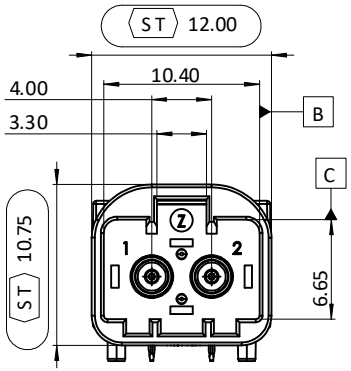
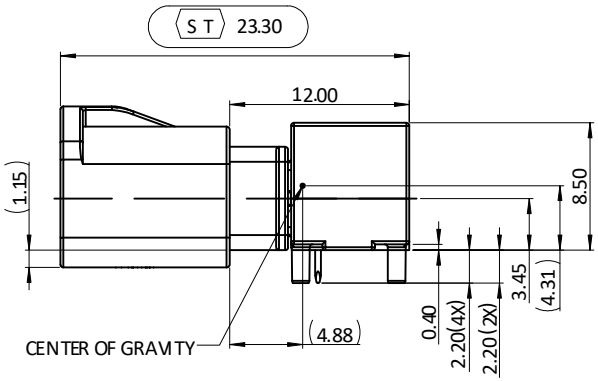
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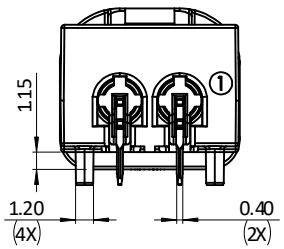
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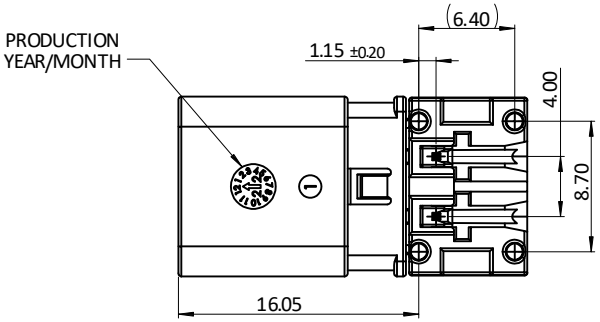
Rev	AWO #	Description	Date	Appr
-		RELEASED	9/3/25	
A		UPDATE SPEC.	9/26/25	LW1/RC











PACKAGED ON TAPE & REEL

SPECIFICATIONS:

Material:
Housing: PA, Color: See Chart
Inner Housing: Hi-Temp Thermoplastic, Color: Black
Contact: Brass
Outer Contacts (Interface): Stainless Steel, Matte Tin plated
Outer Contacts (PCB): Zamak, Matte Tin plated
Medal Plate: Stainless Steel

Contact Plating:
Contact area: 80-160u" Silver Plated
Solder tails area: 80-160u" Matte Tin Plated
Underplate: 40-160u" Nickel underplate overall

Electrical:
Impedance: 50 ohms
Frequency: DC to 9.0 GHz
Return Loss:
17 dB Min (0.08 GHz < f ≤ 6 GHz)
12 dB Min (6 GHz < f ≤ 9 GHz)
Insulation resistance: 1000 Mohms Min
Dielectric withstanding voltage: 800 Vrms AC Min for 1 minute
Voltage rating: 335 Vrms AC
Current rating: 1A Max
Center Contact Resistance: 15 mohms Max
Outer Contact Resistance: 7.5 mohms Max

Mechanical:
Durability: 25 Cycles Min
Engagement force: 75N Max
Retention Force Latch: 110N Min
Mismating Orientation Effectiveness: 130N Min

Environmental:
Thermal Shock& Humidity: USCAR-2
Vibration& Mechanical Shock: DIN IEC 60068
Soldering: IEC 60068-2

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

Packing:
Standard: 320PCS in Tape& Reel ⚠

Environmental:
Lead free, RoHS compliant RoHS COMPLIANT

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

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

DRAWN	LW1	9/3/25
CHECKED	RC	9/3/25
APPROVED		

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TITLE
MINI FAKRA RIGHT ANGLE 1X2 PLUG

SIZE	PART NO.	REV.
X	MHSD-02AX-BM-PRX-T/R	A

REF: S00013T | SCALE: NTS | SHEET 1 OF 3

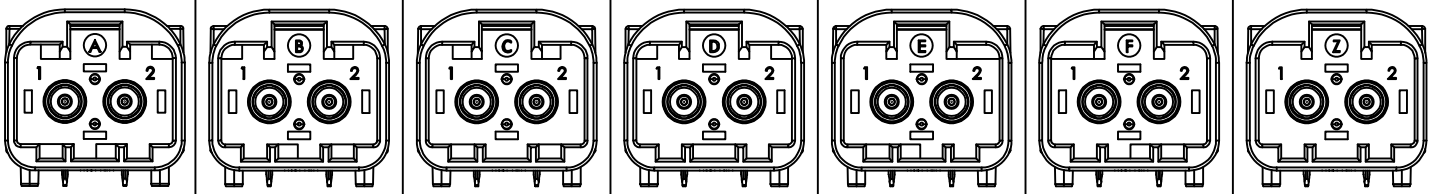
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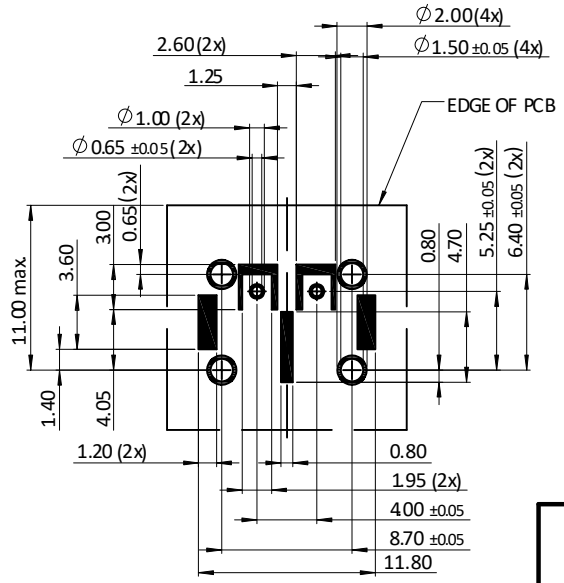
Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 3 FOR REVISION				

APPROVED: _____

DATE: _____ TITLE: _____

MHSD-02AX-BM-PRX-T/R

Coding	A	B	C	D	E	F	Z
Plug							
Color	JET BLACK	PURE WHITE	LIGHT BLUE	CLARET VIOLET	MAY GREEN	NUT BROWN	WATER BLUE



RECOMMENDED PCB LAYOUT

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

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

DRAWN	LW1	9/3/25
CHECKED	RC	9/3/25
APPROVED		

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MINI FAKRA RIGHT ANGLE 1X2 PLUG

SIZE	PART NO.	REV.
X	MHSD-02AX-BM-PRX-T/R	A

REF:	SCALE:	SHEET
S00013T	NTS	2 OF 3

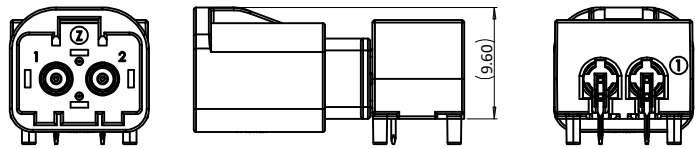
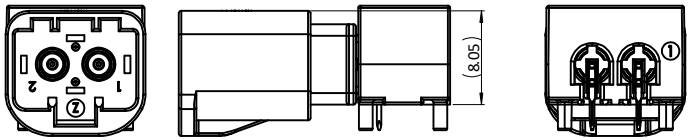
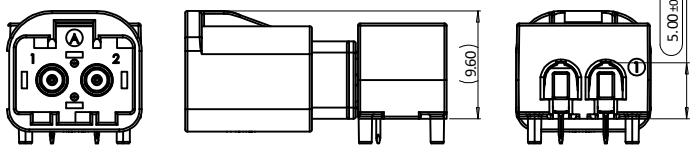
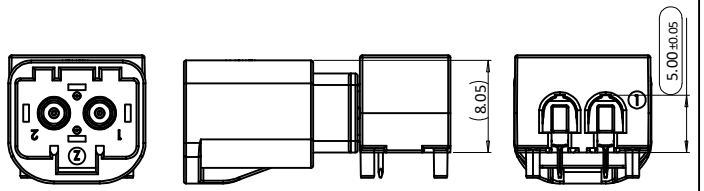
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Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 3 FOR REVISION				

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DATE: _____ TITLE: _____

MHSD-02AX-BM-PRX-T/R

ADAM P/N	MHSD-02AX-BM-PRA-T/R	ADAM P/N	MHSD-02AX-BM-PRB-T/R
DIRECTION		DIRECTION	
ADAM P/N	MHSD-02AX-BM-PRC-T/R	ADAM P/N	MHSD-02AX-BM-PRD-T/R
DIRECTION		DIRECTION	

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DRAWN	LW1	9/3/25
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APPROVED		

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SIZE	PART NO.	REV.
X	MHSD-02AX-BM-PRX-T/R	A

REF:	SCALE:	SHEET
S00013T	NTS	3 OF 3

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