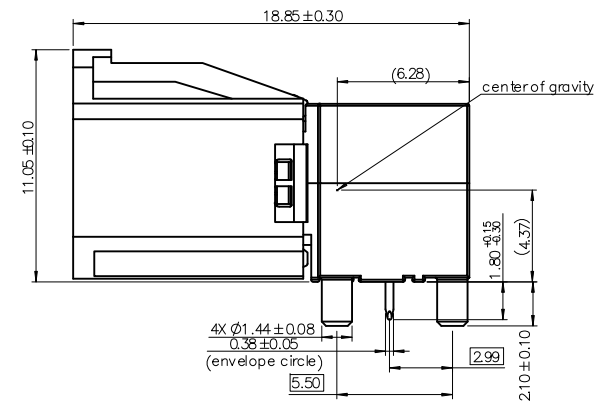
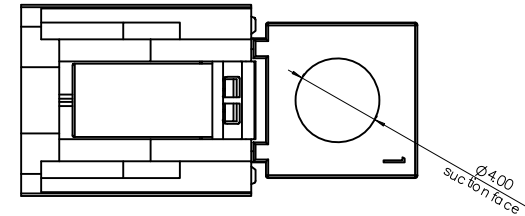
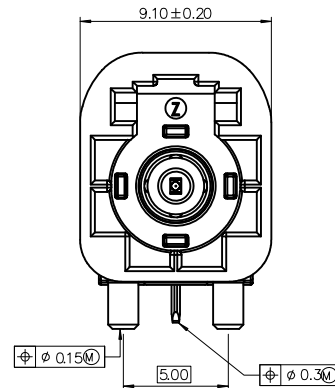
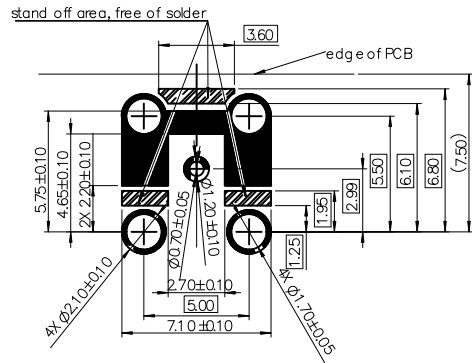


APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	6/8/22	
A		UPDATE SPEC.	11/8/22	LH/RC



SPECIFICATIONS:

Material:

Insulator: Hi-Temp Thermoplastic, rated UL 94V-0

Housing: PA, rated UL 94V-0

Center Contacts: Brass

Outer Contacts (Interface): SUS304, Matte Tin plated

Shell: Zamak, Tin Plated

Contact Plating:

Contact area: 6u" Gold Plated

Solder tails area: 80-160u" Matte Tin Plated

Underplate: 80-160u" Nickel underplate overall

Electrical:

Working voltage: ≤ 60 VDC

Power Current : ≤ 1A DC

Impedance: 50Ω

Frequency: DC to 9 GHz

Center Contact Resistance: ≤15m Ω

Outer Contact Resistance: ≤5m Ω

Insulation resistance: ≥1x10³ MΩ

Dielectric withstanding voltage: 800 Vrms

Mechanical:

Mating Cycles: ≥ 25 Cycles

Engagement force: ≤ 15N

Disengagement force: ≥ 2N

Retention Force Latch: ≥ 110N

Coding Efficiency: ≥ 150N

Temperature Rating:

-40°C to +105°C

Environmental:

Lead free, RoHS compliant



PACKAGED ON TAPE & REEL

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

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

DRAWN	LH	6/8/22
CHECKED	JL	6/8/22
APPROVED		

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909 Rahway Avenue,
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 Phone: 908-687-5000
 Fax: 908-687-5710

TITLE		REV.	
MINI FAKRA RIGHT ANGLE PLUG		A	
SIZE	PART NO.	REV.	
X	MHSD-01X-AM-PRX-T/R	A	
REF:	S00013T	SCALE:	NTS
SHEET		1 OF 3	

6

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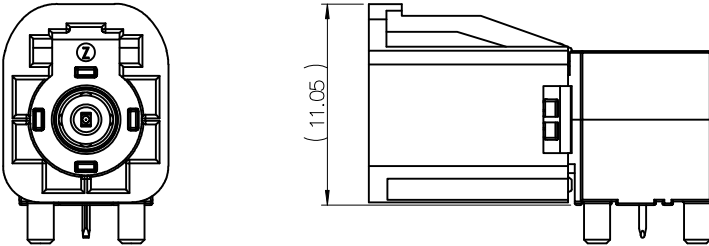
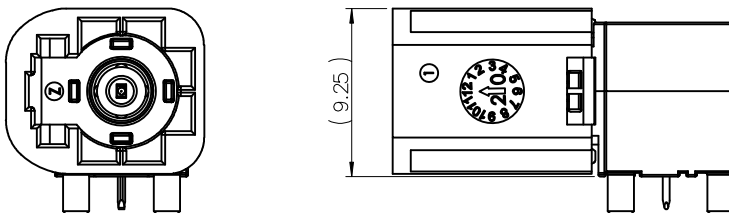
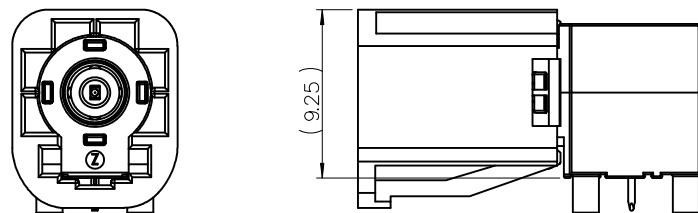
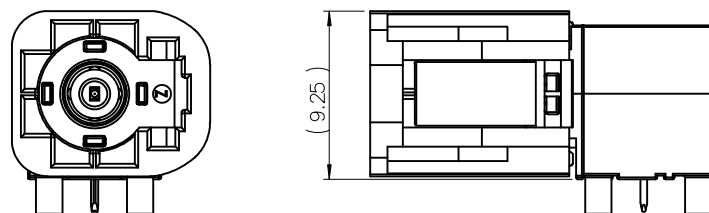
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APPROVED: _____

DATE: _____ TITLE: _____

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

PartNumber	MHSD-01X-AM-PRA-T/R	MHSD-01X-AM-PRC-T/R
Direction	STANDARD ORIENTATION	90° ORIENTATION
		
PartNumber	MHSD-01X-AM-PRB-T/R	MHSD-01X-AM-PRD-T/R
Direction	180° ORIENTATION	270° ORIENTATION
		

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

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

DRAWN	LH	6/8/22
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CHECKED	JL	6/8/22
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APPROVED		
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TITLE

MINI FAKRA RIGHT ANGLE PLUG

SIZE
X

PART NO.

MHSD-01X-AM-PRX-T/R

REV.
A

REF: S00013T

SCALE: NTS

SHEET 2 OF 3

6

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APPROVED: _____

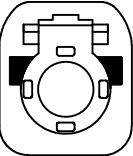
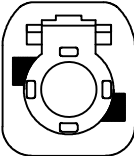
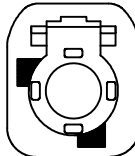
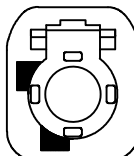
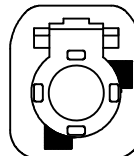
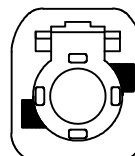
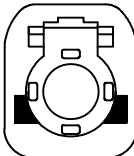
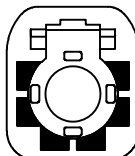
DATE: _____ TITLE: _____

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

Currently only A, B, Z styles Other styles need to open the mold

MHSD-01X-AM-PRX-T/R

Coding	A	B	C	D	E	F	G
Plug							
Color	BLACK	WHITE	BLUE	CLARET VIOLET	GREEN	BROWN	GREY
Coding	H	J	K	N	Z		
Plug							
Color	LIGHT PINK	BEIGE	CURRY	PASTEL GREEN	WATER BLUE		

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ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED

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X.	± 0.50	± 5°
.X	± 0.30	
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DRAWN	LH	6/8/22
CHECKED	JL	6/8/22
APPROVED		

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Fax: 908-687-5710TITLE
MINI FAKRA RIGHT ANGLE PLUG

SIZE X	PART NO. MHSD-01X-AM-PRX-T/R	REV. A
REF: S00013T	SCALE: NTS	SHEET 3 OF 3

Mouser Electronics

Authorized Distributor

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[MHSD-01A-AM-PRA-TR](#) [MHSD-01Z-AM-PRA-TR](#) [MHSD-01B-AM-PRA-TR](#)