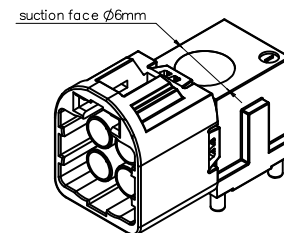
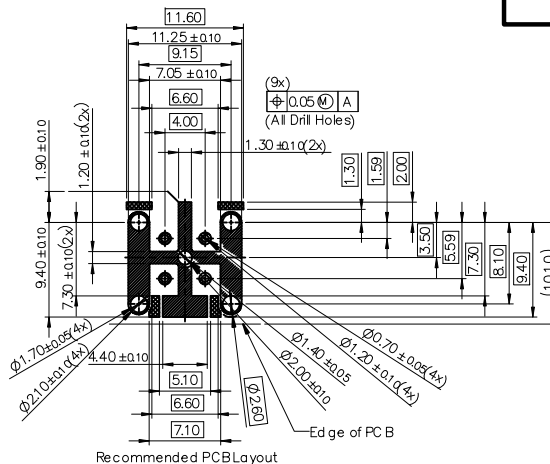


APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	9/13/21	
A		ADDED PAGE 2	10/12/21	LH/RC
B		ADDED PACKING	10/15/21	LH/RC
C		UPDATED DRAWING	6/8/22	JJ/JL
D		UPDATED SPEC.	11/7/22	LH/RC



SPECIFICATIONS:

Material:

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

Center Contacts: Brass

Outer Contacts (Interface): Stainless steel, Matte Tin plated

Shell: Zamak, Tin Plated

Outer Contact Sheet: Brass, Matte 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: ≤ 7.5m Ω

Insulation resistance: ≥ 1000 MΩ

Dielectric withstanding voltage: 800 Vrms

Mechanical:

Mating Cycles: ≥ 25 Cycles

Engagement force: ≥ 45N

Disengagement force: ≥ 5N

Retention Force Latch: ≥ 110N

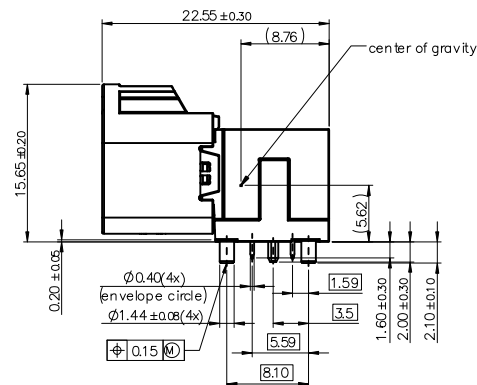
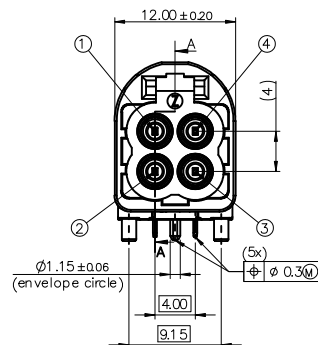
Coding Efficiency: ≥ 150N

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	JJ	9/13/21
CHECKED	KC	9/13/21
APPROVED		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH

ADAM
TECH

909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

TITLE		MINI FAKRA RIGHT ANGLE PLUG	
SIZE	PART NO.	REV.	
X	MHSD-04X-AM-PRX-T/R	D	
REF:	S00013T	SCALE:	NTS
SHEET		1 OF 4	

6

5

4

3

2

1

APPROVED: _____

DATE: _____ TITLE: _____

Rev

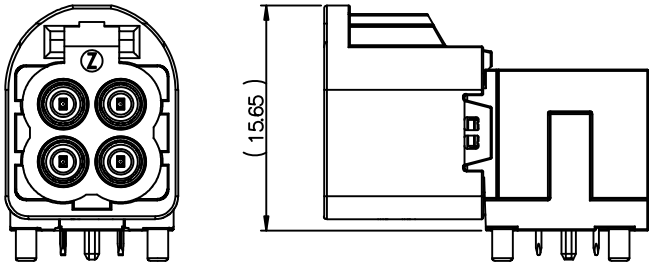
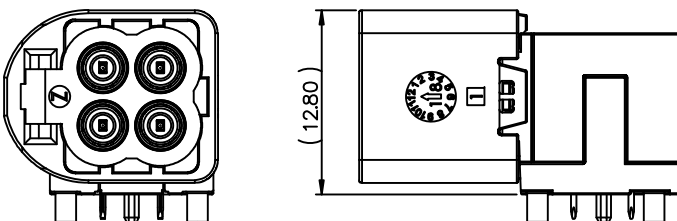
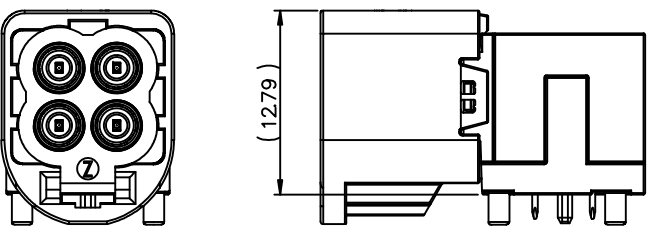
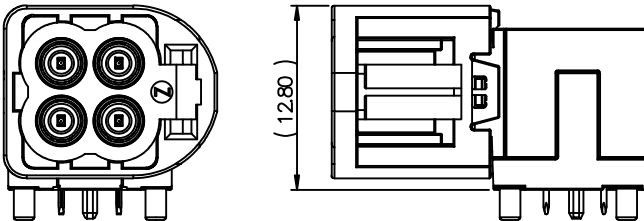
AWO #

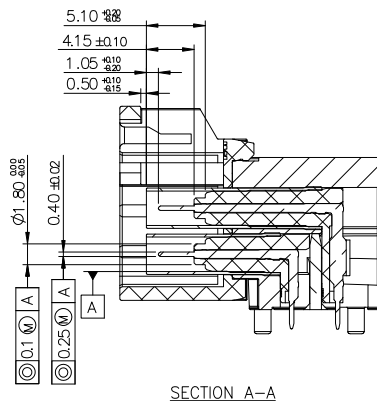
Description

Date

Appr

SEE SHT 1 OF 4 FOR REVISION

PartNumber	MHSD-04X-AM-PRA-T/R	MHSD-04X-AM-PRC-T/R
Direction	STANDARD ORIENTATION	90° ORIENTATION
		
PartNumber	MHSD-04X-AM-PRB-T/R	MHSD-04X-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	JJ	9/13/21
CHECKED	KC	9/13/21
APPROVED		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH

**ADAM
TECH**909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

TITLE

MINI FAKRA RIGHT ANGLE PLUG

SIZE
X

PART NO.

MHSD-04X-AM-PRX-T/R

REV.
D

REF: S00013T

SCALE: NTS

SHEET 2 OF 4

6

5

4

3

2

1

6

5

4

3

2

1

APPROVED: _____

DATE: _____ TITLE: _____

Rev

AWO #

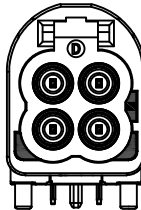
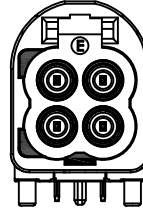
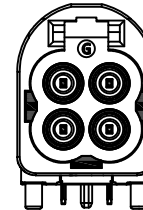
Description

Date

Appr

SEE SHT 1 OF 4 FOR REVISION

MHSD-04X-AM-PRX-T/R

Coding	A	B	C	D	E	F	G
Plug							
Color	BLACK	WHITE	BLUE	CLARET VIOLET	GREEN	BROWN	PLATINUM GREY
Coding	Z						
Plug							
Color	WATER BLUE						

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

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

DRAWN

JJ

9/13/21

CHECKED

KC

9/13/21

APPROVED

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY
AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN
PERMISSION FROM ADAM TECH**ADAM**
TECH909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

TITLE

MINI FAKRA RIGHT ANGLE PLUG

SIZE
X

PART NO.

MHSD-04X-AM-PRX-T/R

REV.
D

REF: S00013T

SCALE: NTS

SHEET 3 OF 4

6

5

4

3

2

1

6

5

4

3

2

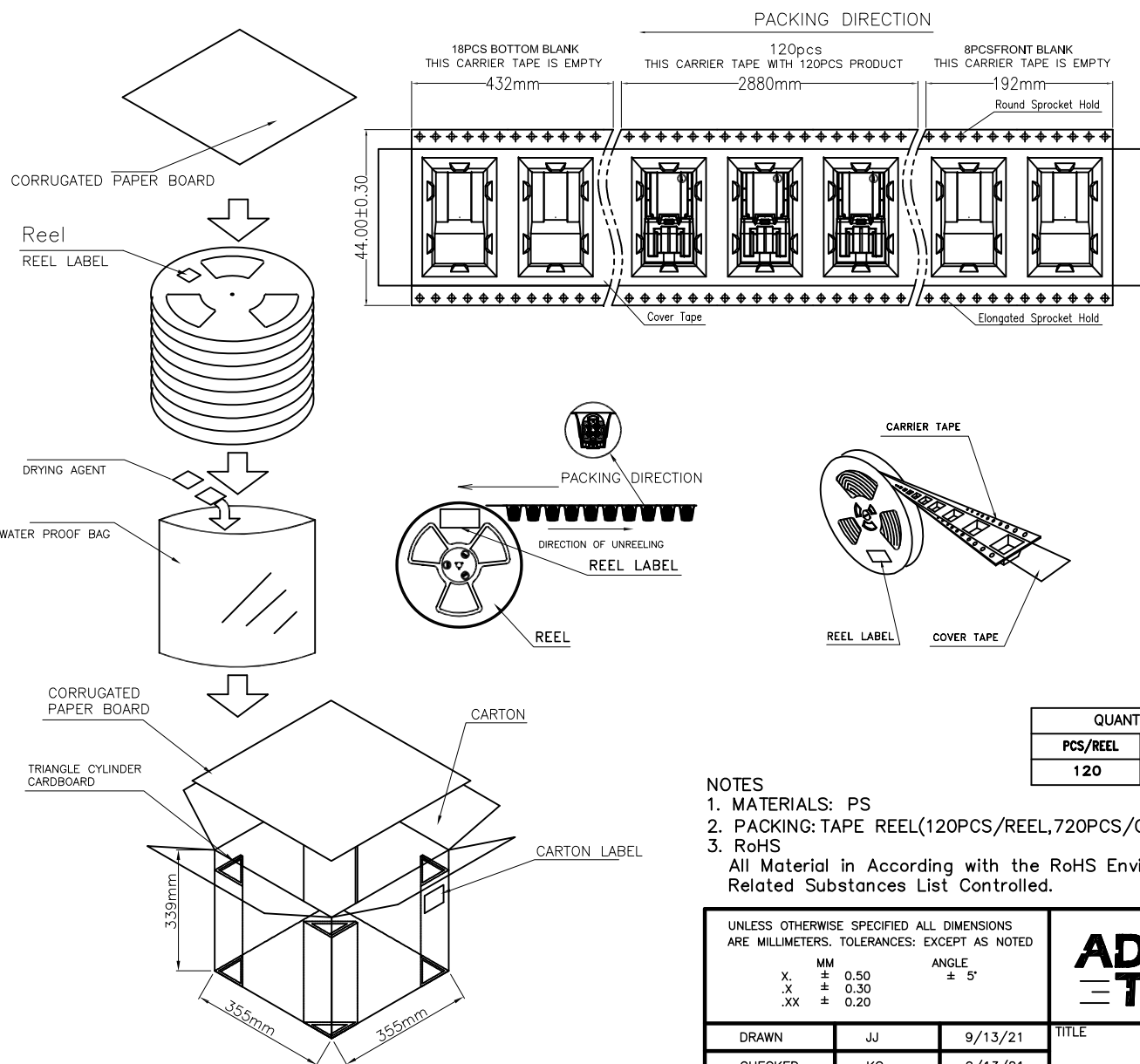
1

APPROVED: _____

DATE: _____ TITLE: _____

Rev AWO # Description Date Appr

SEE SHT 1 OF 4 FOR REVISION



NOTES

1. MATERIALS: PS
2. PACKING: TAPE REEL(120PCS/REEL,720PCS/CARTON)
3. RoHS

All Material in According with the RoHS Environment
Related Substances List Controlled.

QUANTITY		WEIGHT	
PCS/REEL	REEL/CARTON	N.W(kg)	G.W(kg)
120	6	7.38	8.38

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

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

DRAWN	JJ	9/13/21
CHECKED	KC	9/13/21
APPROVED		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY
AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN
PERMISSION FROM ADAM TECH

**ADAM
TECH**

909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

TITLE MINI FAKRA RIGHT ANGLE PLUG			
SIZE X	PART NO. MHSD-04X-AM-PRX-T/R	REV. D	
REF: S00013T	SCALE: NTS	SHEET 4 OF 4	

6

5

4

3

2

1

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Adam Tech:](#)

[MHSD-04B-AM-PRA-TR](#) [MHSD-04C-AM-PRA-TR](#) [MHSD-04E-AM-PRA-TR](#) [MHSD-04A-AM-PRA-TR](#) [MHSD-04D-](#)
[AM-PRA-TR](#) [MHSD-04F-AM-PRA-TR](#) [MHSD-04Z-AM-PRA-TR](#)