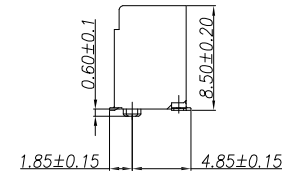
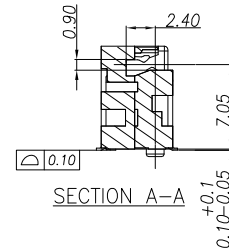
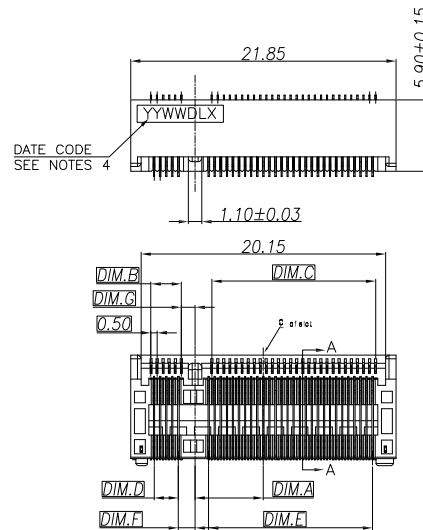
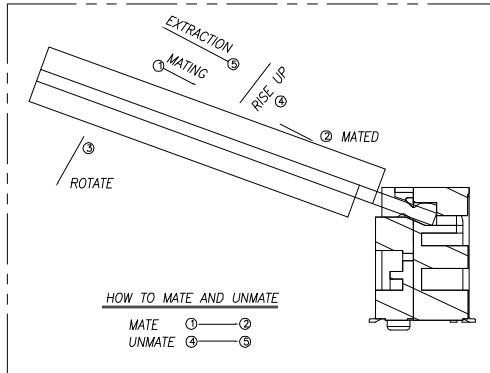
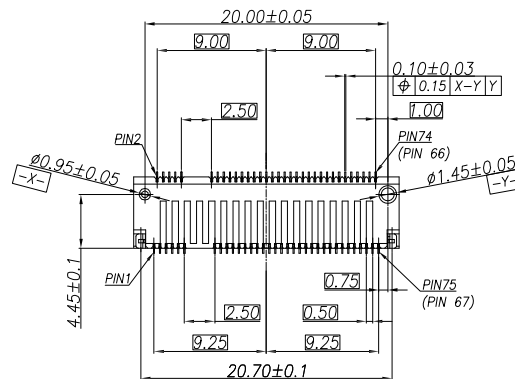


APPROVED: _____
DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	3/16/21	
A		ADDED PACKING	12/10/21	LH/RC



M2-A1-67-R-SMT-8.50-KM-T/R	6.125	14.00	2.00	14.00	1.50	1.125	1.375
M2-A1-67-R-SMT-8.50-KE-T/R	2.625	5.50	10.50	5.00	10.50	1.375	1.125
M2-A1-67-R-SMT-8.50-KB-T/R	5.625	2.50	13.50	2.00	13.50	1.375	1.125
M2-A1-67-R-SMT-8.50-KA-T/R	6.625	1.50	14.50	1.00	14.50	1.125	1.375
ADAM-P/N	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G



SPECIFICATIONS:

Material:

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

Insulator Color: Black

Contacts: Phosphor Bronze

Hold down: Brass, Nickel Plated

Solder area: Tin plated

Plating:

Gold flash over Nickel underplate overall

Electrical:

Voltage rating: 50 VAC

Current rating: 0.5A / (1Pin)

Contact resistance: 55 mohms max

Insulation resistance: 500 Mohms min

Dielectric withstanding voltage: 300 VAC for 1 minute

Mechanical:

Durability: 60 cycles min

Insertion force: 20N max

Withdrawal force: 25N

Temperature Rating:

Operating temperature: -40°C to +85°C

Environmental:

Lead free, RoHS compliant



UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE MILLIMETERS
TOLERANCES: EXCEPT AS NOTED
MM ANGLE
.X ± 0.30 .X ± 3°
.XX ± 0.20 .X ± 1°
.XXX ± 0.10

DRAWN	LH	3/16/21
CHECKED	JL	3/16/21
APPROVED		

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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
M.2 CONNECTOR, 67PINS, SMT TYPE,
8.50MM HEIGHT, A, B, E, M KEY

SIZE X	PART NO. M2-A1-67-R-SMT-8.50-KX-T/R	REV. A
REF: S00275T	SCALE: NTS	SHEET 1 OF 3

6

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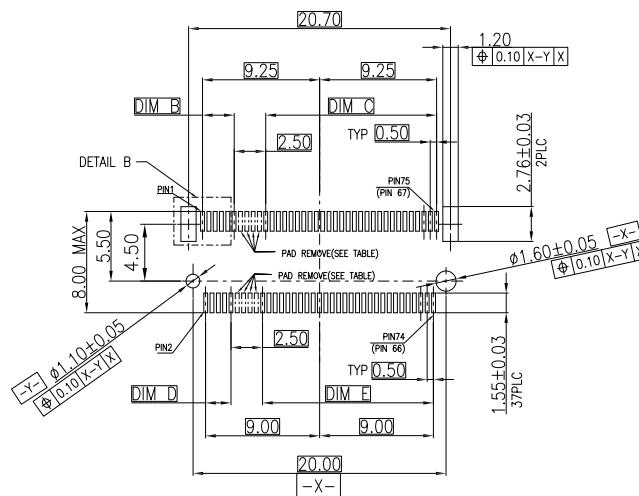
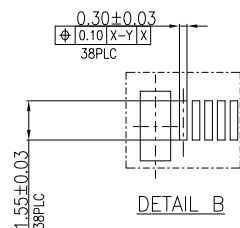
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APPROVED: _____

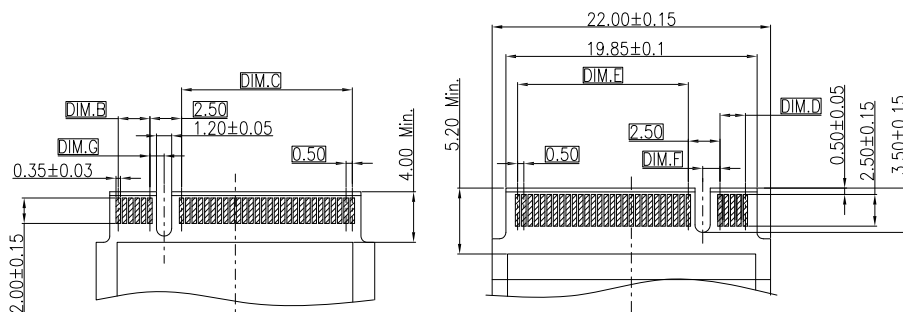
DATE: _____ TITLE: _____

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

M2-A1-67-R-SMT-8.50-KM-T/R	-6.125	14.00	2.00	14.00	1.50	1.125	1.375
M2-A1-67-R-SMT-8.50-KE-T/R	2.625	5.50	10.50	5.00	10.50	1.375	1.125
M2-A1-67-R-SMT-8.50-KB-T/R	5.625	2.50	13.50	2.00	13.50	1.375	1.125
M2-A1-67-R-SMT-8.50-KA-T/R	6.625	1.50	14.50	1.00	14.50	1.125	1.375
ADAM-P/N	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G



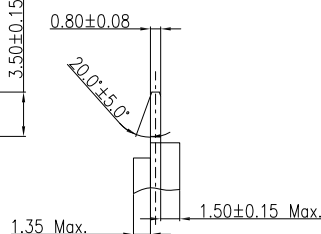
RECOMMENDED PCB LAYOUT



TOP SIDE

BOTTOM SIDE

PLUG PCB



UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE MILLIMETERS
TOLERANCES: EXCEPT AS NOTED
MM ANGLE
.X ± 0.30 .X ± 3°
.XX ± 0.20 .X ± 1°
.XXX ± 0.10

DRAWN	LH	3/16/21
CHECKED	JL	3/16/21
APPROVED		

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ADAM
TECH

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

TITLE
M.2 CONNECTOR, 67PINS, SMT TYPE,
8.50MM HEIGHT, A, B, E, M KEY

SIZE X	PART NO. M2-A1-67-R-SMT-8.50-KX-T/R	REV. A
-----------	--	-----------

REF: S00275T	SCALE: NTS	SHEET 2 OF 3
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APPROVED: _____

DATE: _____ TITLE: _____

Rev

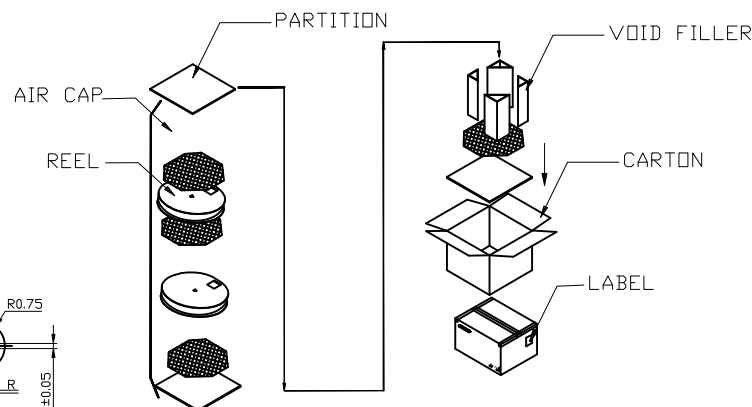
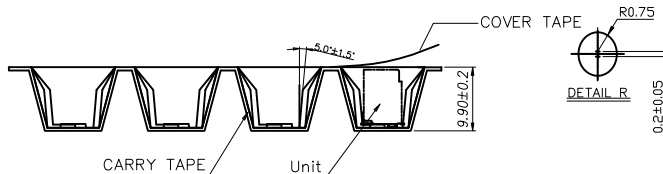
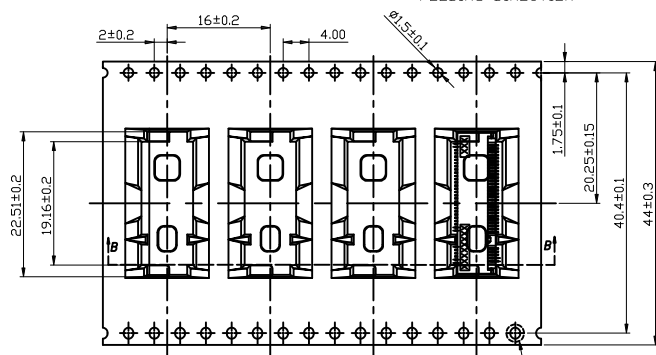
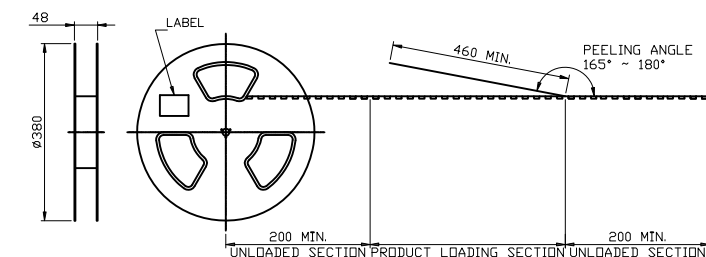
AWO #

Description

Date

Appr

SEE SHT 1 OF 3 FOR REVISION



1. PACKING STYLE: 500 PCS/REEL
2,500 PCS/OUTER CARTON

2. MATERIAL: CARRIER TAPE: PS BLACK
COVER TAPE: PET FILM
REEL: PLASTIC

3. PEEL STRENGTH OF COVER TAPE: 10~130g
(PEEL SPEED 300mm/MINUTE)

4. CARTON SIZE: 350x350x320mm

5. G/W: 5.315 Kg , N/W: 4.037 Kg

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE MILLIMETERS
TOLERANCES: EXCEPT AS NOTED
MM ANGLE
.X ± 0.30 .X $\pm 3^\circ$
.XX ± 0.20 .X $\pm 1^\circ$
.XXX ± 0.10

DRAWN

LH

3/16/21

CHECKED

JL

3/16/21

APPROVED

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TITLE

M.2 CONNECTOR, 67PINS, SMT TYPE,
8.50MM HEIGHT, A, B, E, M KEY

SIZE

X

PART NO.

M2-A1-67-R-SMT-8.50-KX-T/R

REV.

A

REF: S00275T

SCALE: NTS

SHEET 3 OF 3

6

5

4

3

2

1