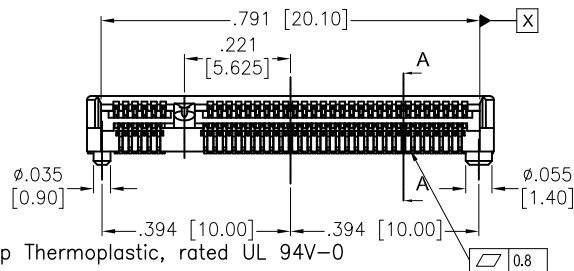
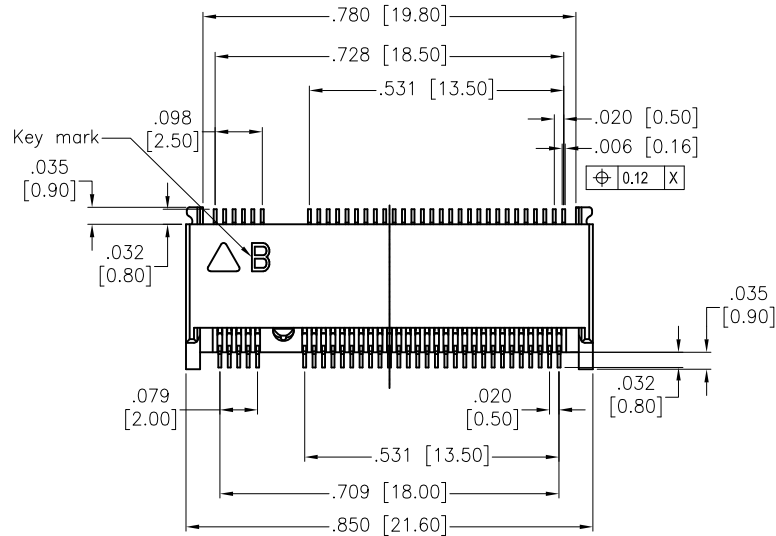


APPROVED: _____
DATE: _____ TITLE: _____

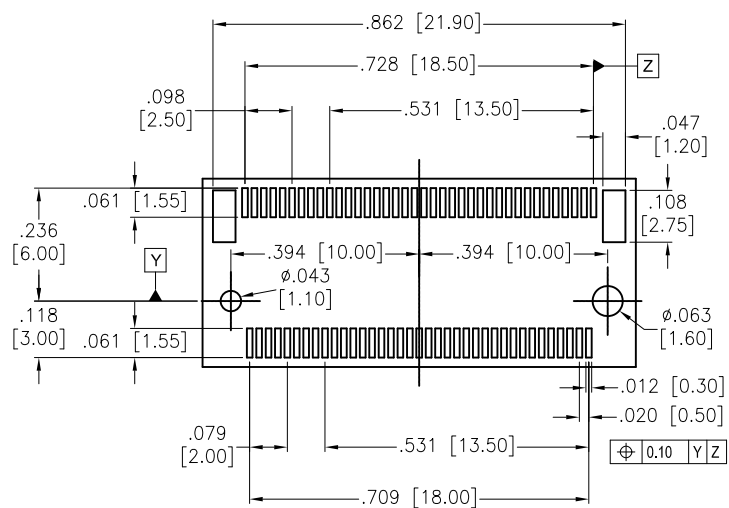
Rev	AWO #	Description	Date	Appr
-		RELEASED	10/3/19	
A		ADDED SPEC.	3/15/21	WX/JL
B		ADDED PACKING	12/9/21	JJ/RC



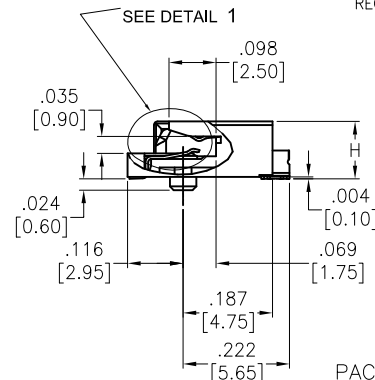
SPECIFICATIONS:

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

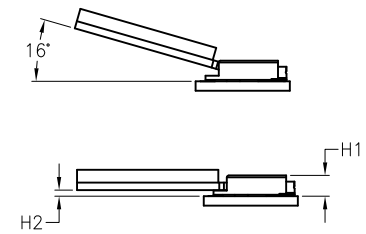
Plating:
Gold flash over Nickel underplate overall
Electrical:
Voltage rating: 50 VAC
Current rating: 0.5A / (1Pin)
Contact resistance: 55 mohms max
Insulation resistance: 500 Mohms min
Dielectric withstanding voltage: 300 VAC for 1 minute
Mechanical:
Durability: 60 cycles min
Insertion force: 20N max
Withdrawal force: 25N
Temperature Rating:
Operating temperature: -40°C to +85°C
Environmental:
Lead free, RoHS compliant



RECOMMENDED PCB LAYOUT



SECTION A-A



MATING CONDITION

PACKAGED ON TAPE & REEL

M2-A1-67-R-SMT-2.15-KB-T/R	.085 [2.15]	.087 [2.20]	.024 [0.60]
M2-A1-67-R-SMT-3.10-KB-T/R	.122 [3.10]	.124 [3.15]	.075 [1.90]
M2-A1-67-R-SMT-4.10-KB-T/R	.161 [4.10]	.163 [4.15]	.114 [2.90]
ADAM P/N	DIM. "H"	DIM. "H1"	DIM. "H2"

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS
ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED

INCHES	HOLES
.X ± .10	$\varnothing$ X ± .10
.XX ± .020	$\varnothing$ XX ± .015
.XXX ± .015	$\varnothing$ XXX ± .010

DRAWN	OW	10/3/19
CHECKED	RC	10/3/19
APPROVED		

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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,
2.15, 3.10, 4.10mm HEIGHT, B KEY

SIZE	PART NO.	REV.
X	M2-A1-67-R-SMT-X.XX-KB-T/R	B

REF: S00275T SCALE: NTS SHEET 1 OF 4

6

5

4

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2

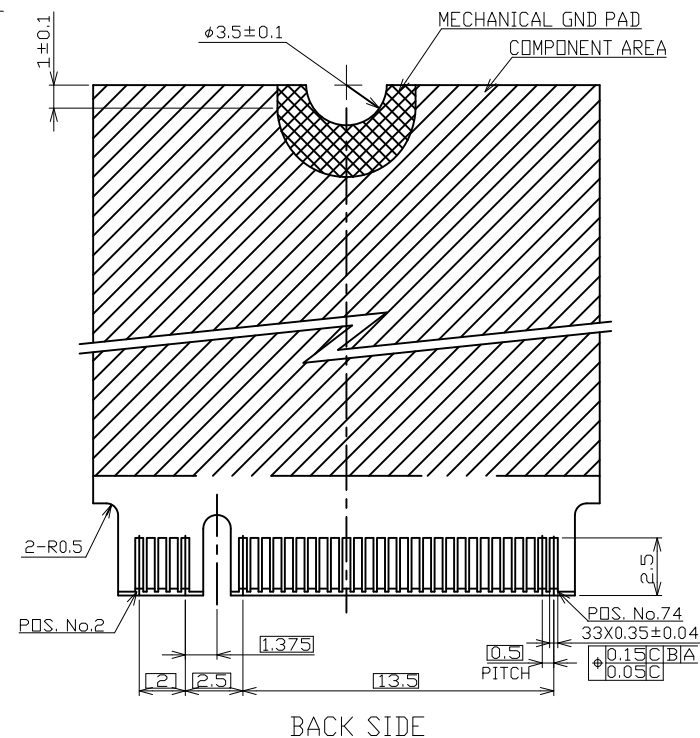
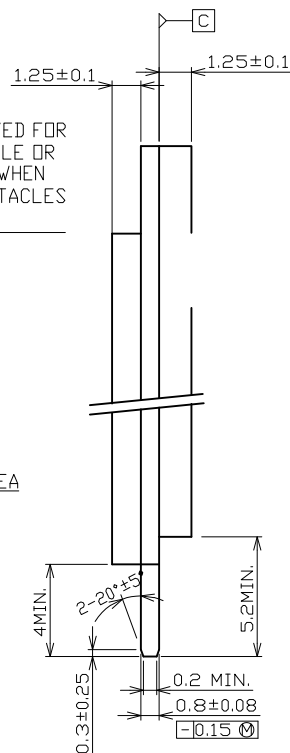
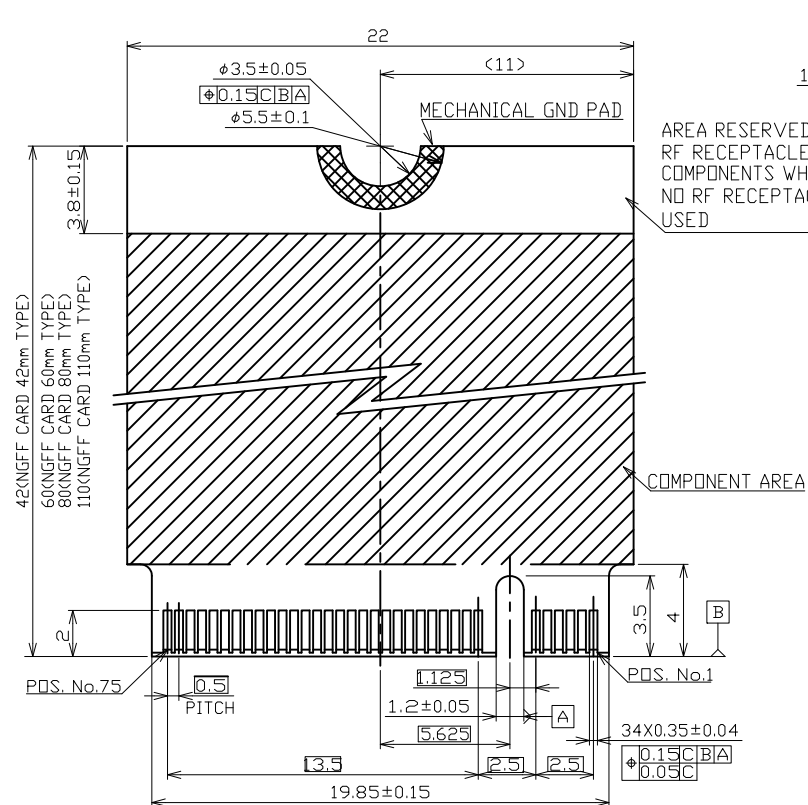
1

APPROVED: _____

DATE: _____ TITLE: _____

Rev AWO # Description Date Appr

SEE SHT 1 OF 4 FOR REVISION



KEY ID "B"
RECOMMENDED MODULE LAYOUT
GENERAL TOLERANCE ±0.15

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	OW	10/3/19
CHECKED	RC	10/3/19
APPROVED		

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Fax: 908-687-5710

TITLE
M.2 CONNECTOR, 67PINS, SMT TYPE,
2.15, 3.10, 4.10mm HEIGHT, B KEY

SIZE X	PART NO. M2-A1-67-R-SMT-X.XX-KB-T/R	REV. B
REF: S00275T	SCALE: NTS	SHEET 2 OF 4



6

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4

3

2

1

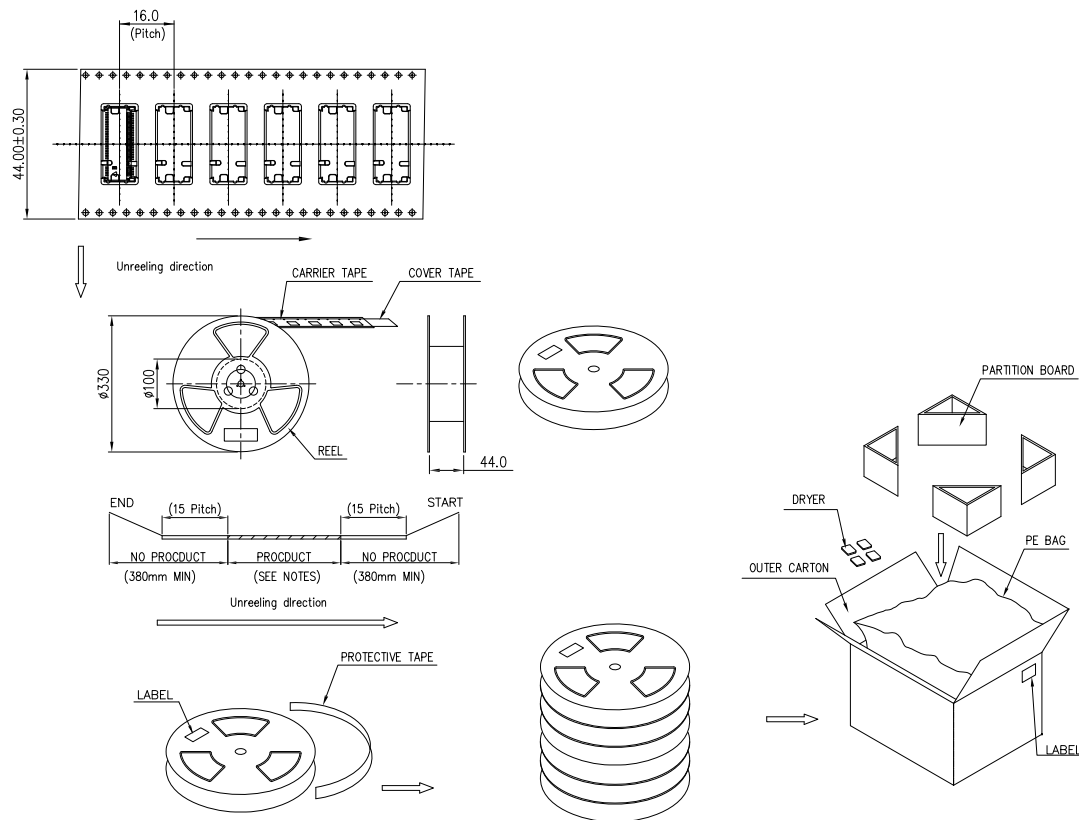
APPROVED: _____

DATE: _____ TITLE: _____

Rev AWO # Description Date Appr

SEE SHT 1 OF 4 FOR REVISION

M2-A1-67-R-SMT-2.15-KB-T/R



NOTES:

1. PACKING STYLE: 1,200 PCS/REEL
7,200 PCS/OUTER CARTON
2. MATERIAL: CARRIER TAPE: PS BLACK
COVER TAPE: PET FILM
REEL: PLASTIC
3. PEEL STRENGTH OF COVER TAPE: 20~80g
(PEEL SPEED 300mm/MINUTE)
4. CARTON SIZE: 350x350x320mm
5. G/W: Kg , N/W: Kg

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	OW	10/3/19
CHECKED	RC	10/3/19
APPROVED		

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TITLE M.2 CONNECTOR, 67PINS, SMT TYPE,
2.15, 3.10, 4.10mm HEIGHT, B KEY

SIZE X	PART NO. M2-A1-67-R-SMT-X.XX-KB-T/R	REV. B
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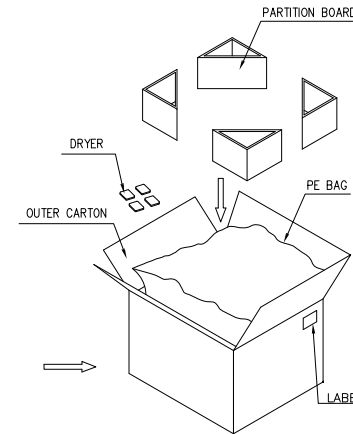
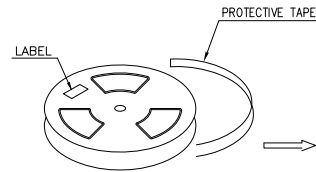
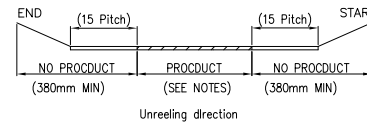
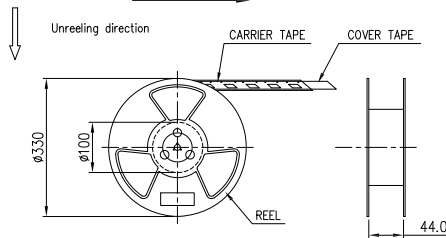
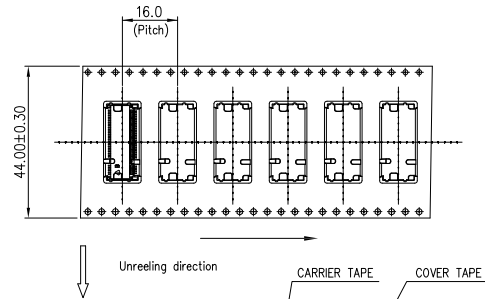
REF: S00275T	SCALE: NTS	SHEET 3 OF 4
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APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 4 FOR REVISION				

M2-A1-67-R-SMT-3.10-KB-T/R
M2-A1-67-R-SMT-4.10-KB-T/R



NOTES.

- PACKING STYLE: A) M2-043X0 (3.1H)
900 PCS/REEL
5,400 PCS/OUTER CARTON
B) M2-044X0 (4.1H)
700 PCS/REEL
4,200 PCS/OUTER CARTON
- MATERIAL: CARRIER TAPE: PS BLACK
COVER TAPE: PET FILM
REEL: PLASTIC
- PEEL STRENGTH OF COVER TAPE: 20~80g
(PEEL SPEED 300mm/MINUTE)
- CARTON SIZE: 350x350x320mm
- G/W: Kg , N/W: Kg

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

DRAWN	OW	10/3/19
CHECKED	RC	10/3/19
APPROVED		
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TITLE M.2 CONNECTOR, 67PINS, SMT TYPE, 2.15, 3.10, 4.10mm HEIGHT, B KEY		REV. B
SIZE X	PART NO. M2-A1-67-R-SMT-X.XX-KB-T/R	
REF: S00275T	SCALE: NTS	SHEET 4 OF 4