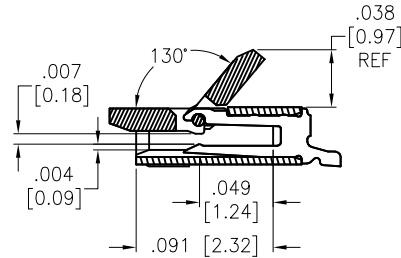
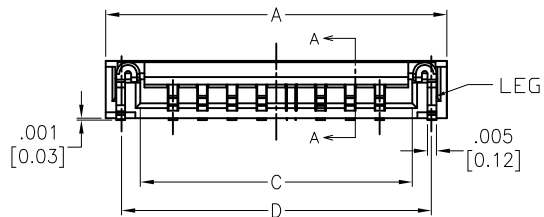
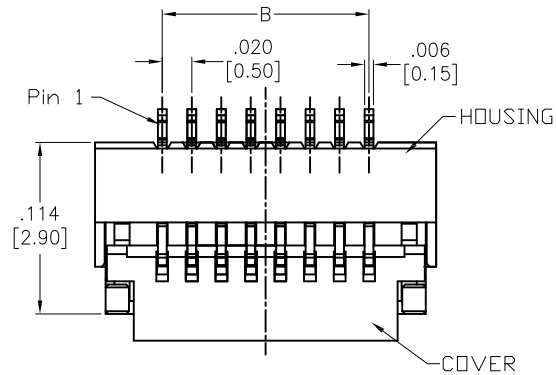


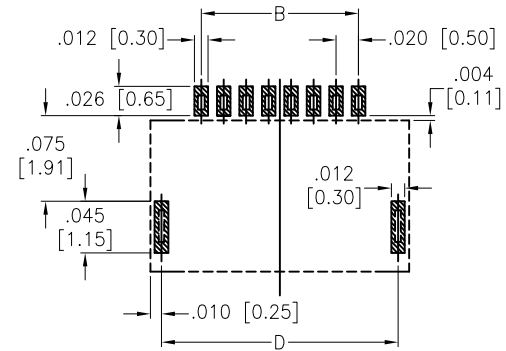
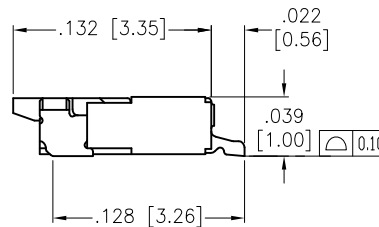
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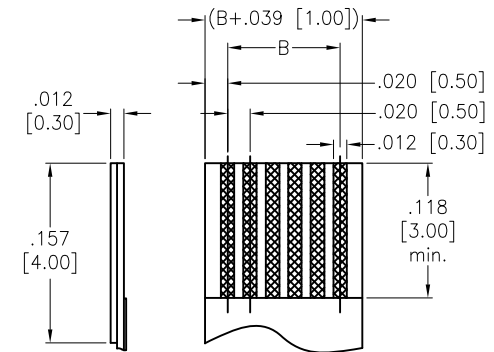
Rev	AWO #	Description	Date	Appr
-		RELEASED	3/26/18	
A		UPDATE DRAWING	7/12/19	OW/TY
B		ADDED PACKING	11/22/19	AY/NP
C		UPDATED SPEC.	12/11/24	TW



SECTION A-A



RECOMMENDED PCB LAYOUT



APPLICABLE FPC/FFC
RECOMMENDED DIMENSION

SPECIFICATIONS:

Material:

Insulator: Hi-temp thermoplastic, rated UL 94V-0, Color: Natural

Actuator: Hi-temp thermoplastic, rated UL 94V-0, Color: Black

Contact: Phosphor Bronze

Holddown: Brass, Tin over Nickel plated

Plating:

Gold over Nickel underplate overall

Electrical:

Current rating: 0.5 A max.

Contact resistance: 20 mohms Max.

Insulation resistance: 50 mohms Min.

Dielectric withstanding voltage: 250 VAC for 1 minute

Mechanical:

Life Cycle: 20 times Max.

Temperature Rating:

-25°C to +85°C

Environmental:

Lead free, RoHS compliant.

PACKAGED ON TAPE & REEL

Positions: 04 thru 40

A= .020 [0.50] x No. of Space + .089 [2.27]

B= .020 [0.50] x No. of Space

C= .020 [0.50] x No. of Space + .043 [1.10]

D= .020 [0.50] x No. of Space + .070 [1.77]

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE INCHES [MM]
TOLERANCES: EXCEPT AS NOTED
INCHES HOLES
.X ± .10 Ø.X ± .10
.XX ± .020 Ø.XX ± .015
.XXX ± .015 Ø.XXX ± .010

APPROVALS		DATE
DRAWN	AY	3/26/18
CHECKED	MY	3/26/18
APPROVED		

ADAM
TECH
INTERCONNECTS

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

TITLE			
ZIF FLEX CIRCUIT CONNECTOR, 0.50 MM PITCH EASY-ON TYPE, SMT, BOTTOM CONTACT			
SIZE X	PART NO. PCA-6FA-XX-HL-3-G-T/R	REV. C	
REF:	S00165C	SCALE: NTS	SHEET 1 OF 3



6

5

4

3

2

1

APPROVED: _____

DATE: _____ TITLE: _____

Rev

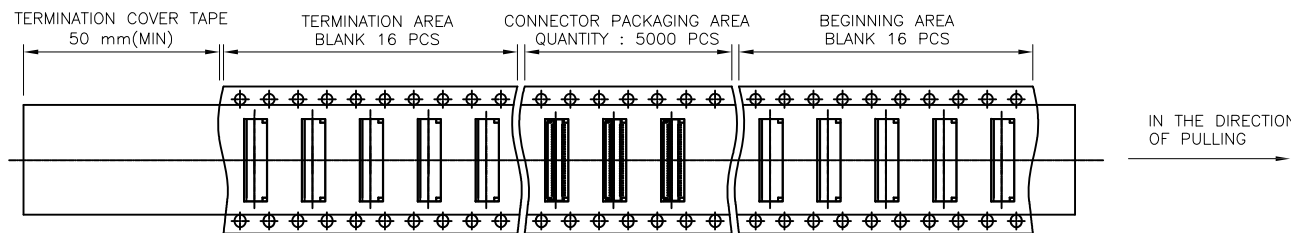
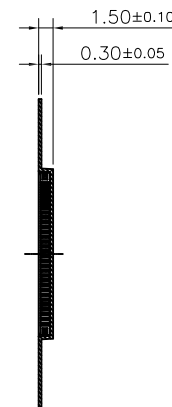
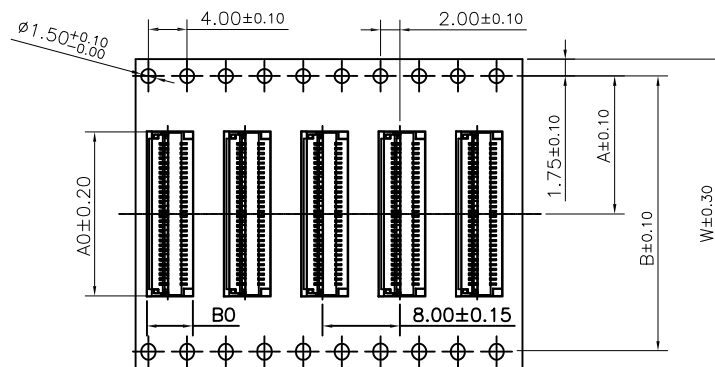
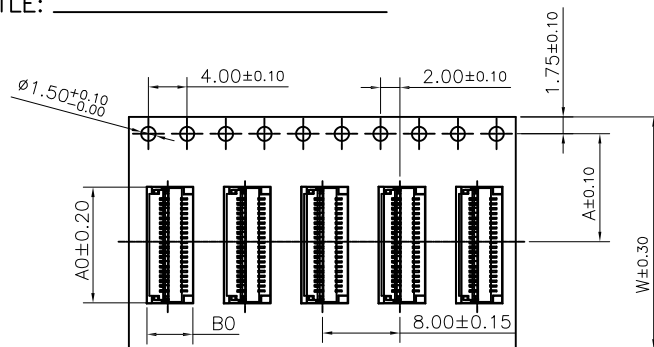
AWO #

Description

Date

Appr

SEE SHT 1 OF 3 FOR REVISION



COMPOSITION OF PACKAGING

unit:mm

NOTE:

1. 10 sprocket hole pitch cumulative tolerance $\pm 0.2\text{mm}$.
2. A measured on a plane 0.3mm above the bottom of the pocket.
3. Material: Transparent Conductive Polystyrene.
4. Thickness: $0.30 \pm 0.05\text{mm}$.
5. Packing length per 16" reel: 40.60 Meters.
6. Component loader 13" reel: 5000 pcs
7. For tape width (dimension W) 24mm a pilot hole is provided on one side.
For tape width (dimension W) 32mm and 44mm: 56mm pilot holes are provided on both side.
8. The top tape all of pull about 0.1N to 1.3N (10g to 130g).

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

MM
X. ± 0.30
X.X ± 0.20
X.XX ± 0.15
X.XXX ± 0.08

APPROVALS

DATE

DRAWN AY 3/26/18

CHECKED MY 3/26/18

APPROVED

ADAM
TECH
INTERCONNECTS

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

TITLE ZIF FLEX CIRCUIT CONNECTOR, 0.50 MM PITCH
EASY-ON TYPE, SMT, BOTTOM CONTACT

SIZE X PART NO. PCA-6FA-XX-HL-3-G-T/R REV. C

REF: S00165C SCALE: NTS SHEET 2 OF 3

6

5

4

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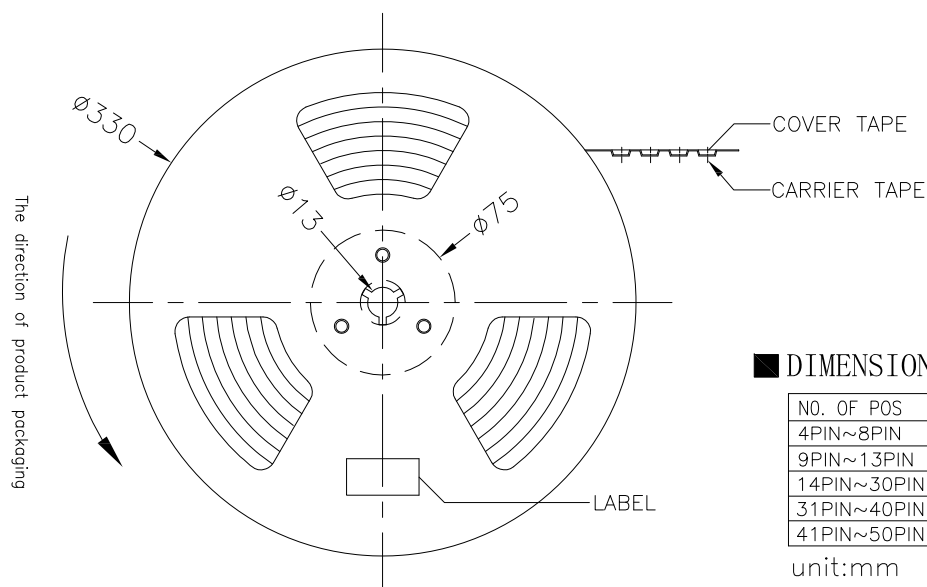
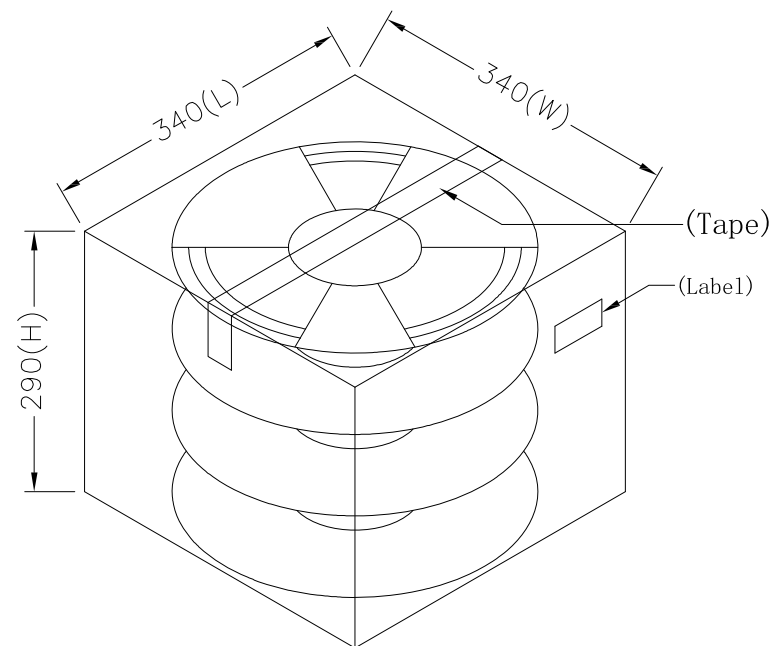
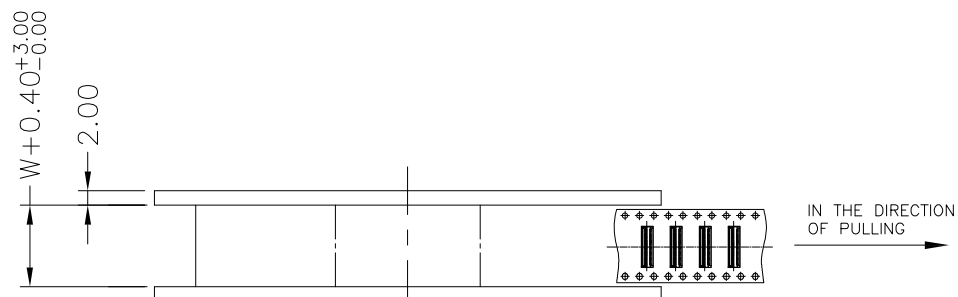
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APPROVED: _____

DATE: _____ TITLE: _____

Rev AWO # Description Date Appr

SEE SHT 1 OF 3 FOR REVISION



DIMENSION TABLE

NO. OF POS	W	A	B	AO	BO	PCS /REEL	REEL/CARTON	SUM(PCS)
4PIN~8PIN	12	5.5	—	3.97+ (n-4)*0.5	4.75	5000	20	100000
9PIN~13PIN	16	7.5	—		4.75	5000	15	75000
14PIN~30PIN	24	11.5	—	(n=pin no)	4.75	5000	10	50000
31PIN~40PIN	32	14.2	28.4		4.75	5000	8	40000
41PIN~50PIN	44	20.2	40.4		4.75	5000	6	30000

unit:mm

NOTE:

1. REEL MATERIAL: PS
2. CARRIER MATERIAL: PS
3. COVERTAPE MATERIAL:PS
4. COVER TAPE REEL STRENGTH:13"
5. QUANTITY: 5000pcs/REEL

DETAIL QUANTIT:SEE TABLE

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

MM
X. ± 0.30
X.X ± 0.20
X.XX ± 0.15
X.XXX ± 0.08

APPROVALS DATE

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CHECKED MY 3/26/18

APPROVED

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EASY-ON TYPE, SMT, BOTTOM CONTACT

SIZE X PART NO. PCA-6FA-XX-HL-3-G-T/R REV. C

REF: S00165C SCALE: NTS SHEET 3 OF 3