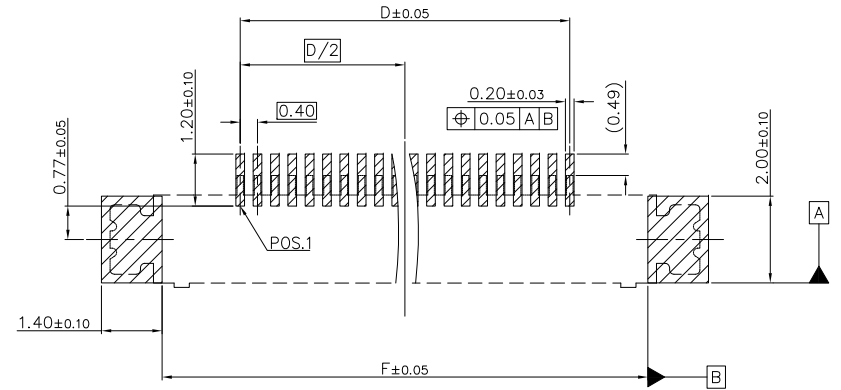
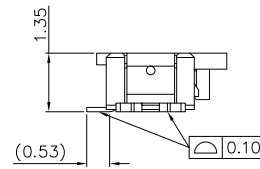
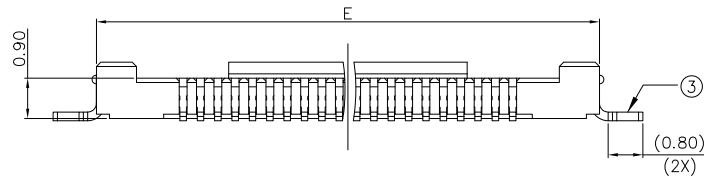
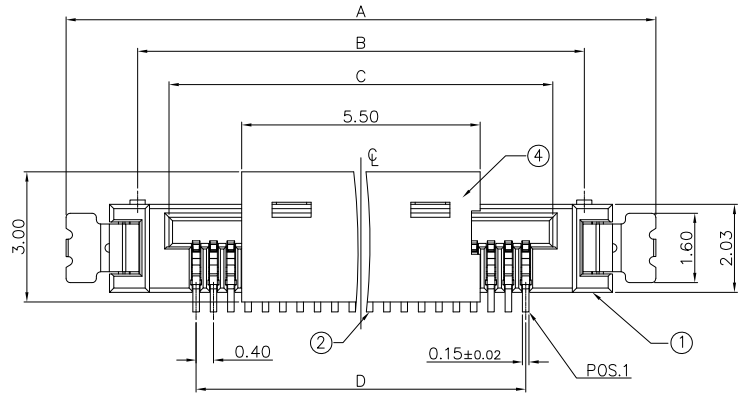


AUTOCAD GENERATED DRAWING, DON'T CHANGE BY HAND.

REV.	ECN. NO.	APPD.
A	ECN130314001	Fan.Fang
B	ECN131205003	Fan.Fang
C	ECN150507025	Fan.Fang
D	ECN160129002	Fan.Fang
E	ECN170711013	Tommy Zhang
F	ECN180528005	Darren.Lei

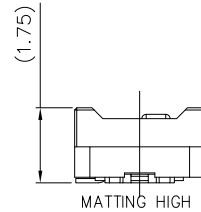
NOTES:

- 1.DIMENSIONS SHALL BE INTERPRETED PER ASME Y14.5M-1994;
- 2.ELECTRICAL CHARACTERISTICS:
  - 2-1.CONTACT CURRENT RATING: 0.5AMPERE MAX. PER SIGNAL CONTACT;
  - 2-2.INSULATION RESISTANCE: 100MΩ MIN. AT 250VDC;
  - 2-3.DIELECTRIC WITHSTANDING VOLTAGE: 250V RMS AT 60Hz FOR 1MINUTE;
  - 2-4.CONTACT RESISTANCE: 70mΩ MAX. INITIAL.90mΩ MAX. AFTER;
- 3.MECHANICAL CHARACTERISTICS:
  - 3-1.DURABILITY: 30 MATING CYCLES;
- 4.HARMFUL MATERIAL CONTROL SHOULD MEET DOCUMENT "DQSP2014" ;
- 5.THE CABLE CAN NOT BE HOLD WHEN UNMATING THE CONNECTOR.



RECOMMENDED P.C.B. LAYOUT  
TOP VIEW

POS.NO.	DIM.A	DIM.B	DIM.C	DIM.D	DIM.E	DIM.F
10	9.60	6.30	4.85	3.60	7.60	7.20
14	11.20	7.90	6.45	5.20	9.20	8.80
20	13.60	10.30	8.85	7.60	11.60	11.20
22	14.40	11.10	9.65	8.40	12.40	12.00
30	17.60	14.30	12.85	11.60	15.60	15.20
40	21.60	18.30	16.85	15.60	19.60	19.20



WS42\* \*-S0131-HF

WTB CONN.  
PITCH:  
4=0.4mm  
POS.NO.:  
10=10POS.  
14=14POS.  
20=20POS.  
22=22POS.  
30=30POS.  
40=40POS.

CONTACT AREA PLATING:  
1=5u" MIN. GOLD PLATING

HALOGEN FREE &  
LEAD FREE

PACKAGE CODE:  
1=TAPE & REEL

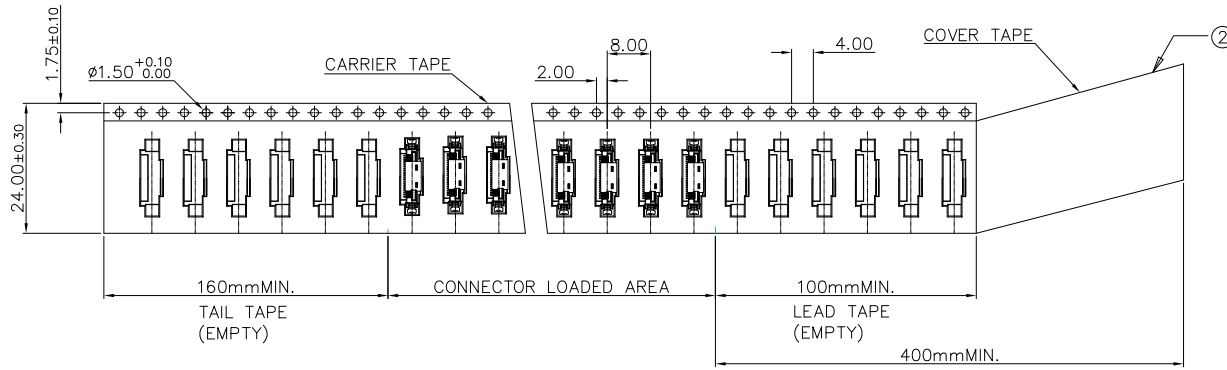
PROFILE HEIGHT:  
13=1.35mm

ITEM	DESC.	Q'TY	MATERIAL	TREATMENT
④	CAP	1	THERMOPLASTIC	UL94V-0, BLACK
③	PAD	2	STAINLESS STEEL	50u" MIN. NICKEL UNDER PLATING; 100u" MIN. MATTE TIN PLATING OVER ALL.
②	CONTACT	POS. NO.	PHOSPHOR BRONZE	50u" MIN.NICKEL UNDER PLATING; 5u" MIN.GOLD PLATING ON CONTACT AREA; GOLD FLASH ON SOLDER AREA.
①	HOUSING	1	THERMOPLASTIC	LCP,UL94V-0, BLACK

UNITS: mm	GENERAL TOLERANCE		APPROVED: Darren.Lei	PART NO.(INTENDED USE) WS42***-S0131-HF
DATE: 08/28'18	X. : ±0.30 .X : ±0.20 .XX : ±0.15 .XXX: ±0.10	X.* : ±2* .X* : ±1*	CHECKED: Mike.Wu	TITLE: CUSTOMER DRAWING
SCALE: N/A			DRAWING: Beal.Bao	DRAWING NO.: 820-0000-025
SHEET: 1/5	MATERIAL: SEE TABLE	Q'TY N/A	Highstar Drapho ELECTRONICS TECHNOLOGY CO., LTD	
REV.: F	FINISH: SEE TABLE			

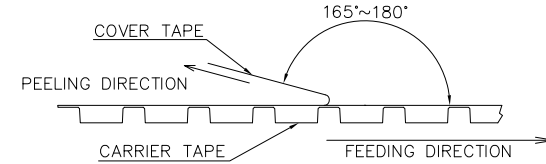
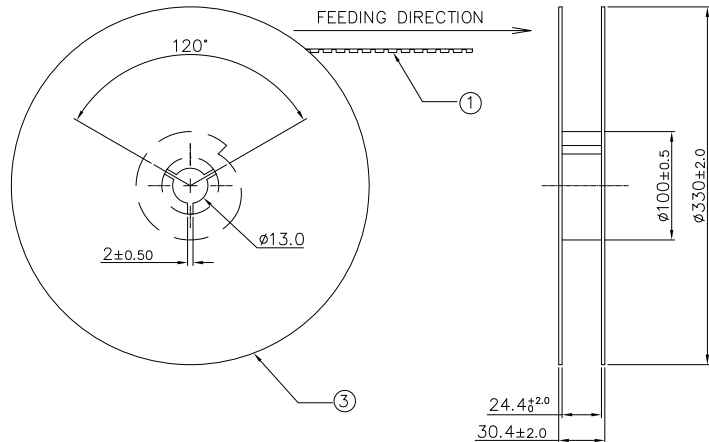


REV.	ECN. NO.	APPD.



NOTES:

- 10 POCKETS HOLE PITCH CUMULATIVE TOLERANCE  $\pm 0.20\text{mm}$ .
- COVER TAPE PEELING STRENGTH : 0.01~0.13 Kgf AT 300mm/min.



3. PACKAGING CAPACITY:

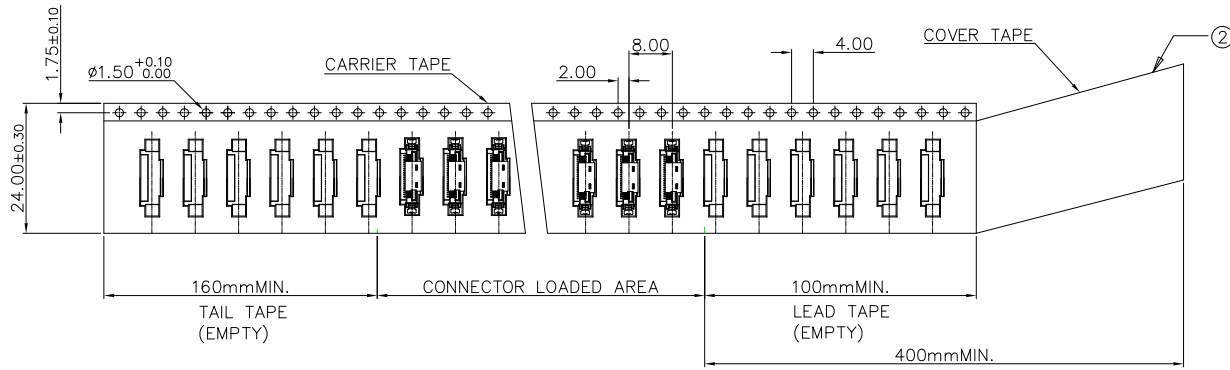
POS.NO.	PCS/REEL	REEL/BOX	PCS/BOX
10	3000	6	18000

③	REEL	POLY STYRENE
②	COVER TAPE	PE
①	CARRIER TAPE	POLY STYRENE
ITEM	DESCRIPTION	MATERIAL

UNITS: mm	GENERAL TOLERANCE	APPROVED: Darren.Lei	PART NO.(INTENDED USE) WS42***-S0131-HF
DATE: 05/24'18	X. :±0.50 .X :±0.30	X.* :±5* .X.* :±2*	CHECKED: Mike Wu
SCALE: N/A	.XX :±0.20 .XXX	.XX* .XXX*	DRAWING: Beal.Bao
SHEET: 2/5	MATERIAL: SEE TABLE	Q'TY N/A	DRAWING NO.: 820-0000-025
REV.: F	FINISH: N/A	Highstar Drapho ELECTRONICS TECHNOLOGY CO., LTD	

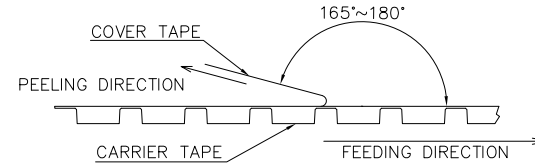
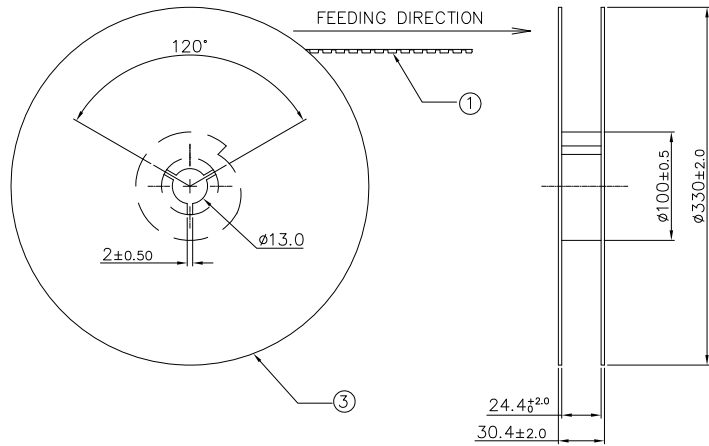


REV.	ECN. NO.	APPD.



NOTES:

- 10 POCKETS HOLE PITCH CUMULATIVE TOLERANCE  $\pm 0.20\text{mm}$ .
- COVER TAPE PEELING STRENGTH : 0.01~0.13 Kgf AT 300mm/min.



3. PACKAGING CAPACITY:

POS.NO.	PCS/REEL	REEL/BOX	PCS/BOX
14	3000	6	18000
20	3000	6	18000
22	3000	6	18000

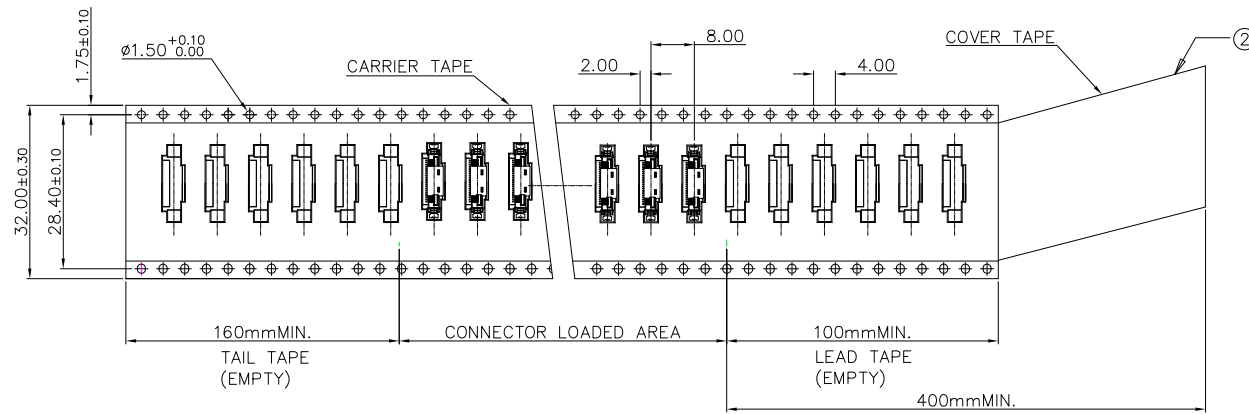
ITEM	DESCRIPTION	MATERIAL
③	REEL	POLY STYRENE
②	COVER TAPE	PE
①	CARRIER TAPE	POLY STYRENE

UNITS: mm	GENERAL TOLERANCE	APPROVED: Darren.Lei	PART NO.(INTENDED USE) WS42***-S0131-HF
DATE: 05/24'18	X. :±0.50 .X :±0.30 SCALE: N/A	CHECKED: Mike Wu	TITLE: CUSTOMER DRAWING
SHEET: 3/5	MATERIAL: SEE TABLE	DRAWING: Beal.Bao	DRAWING NO.: 820-0000-025
REV.: F	FINISH: N/A	Q'TY: N/A	Highstar Drapho ELECTRONICS TECHNOLOGY CO., LTD



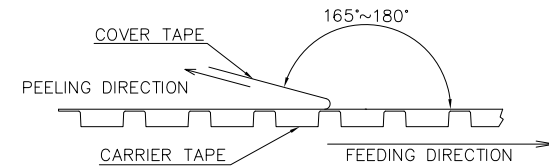
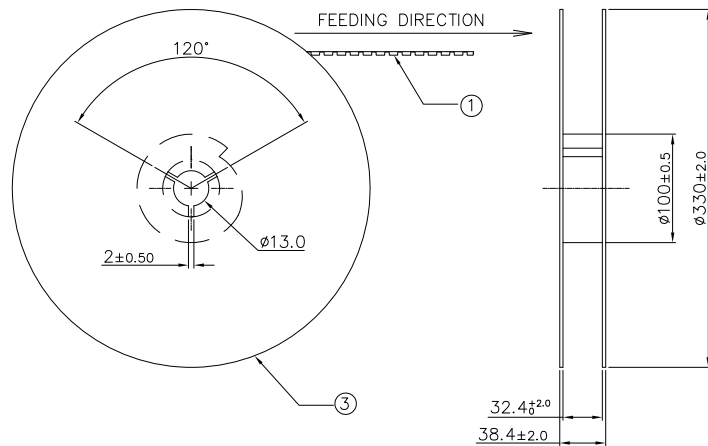
AUTOCAD GENERATED DRAWING, DON'T CHANGE BY HAND.

REV.	ECN. NO.	APPD.



NOTES:

- 10 POCKETS HOLE PITCH CUMULATIVE TOLERANCE  $\pm 0.20\text{mm}$ .
- COVER TAPE PEELING STRENGTH : 0.01~0.13 Kgf AT 300mm/min.



3. PACKAGING CAPACITY:

POS.NO.	PCS/REEL	REEL/BOX	PCS/BOX
30	3000	5	15000

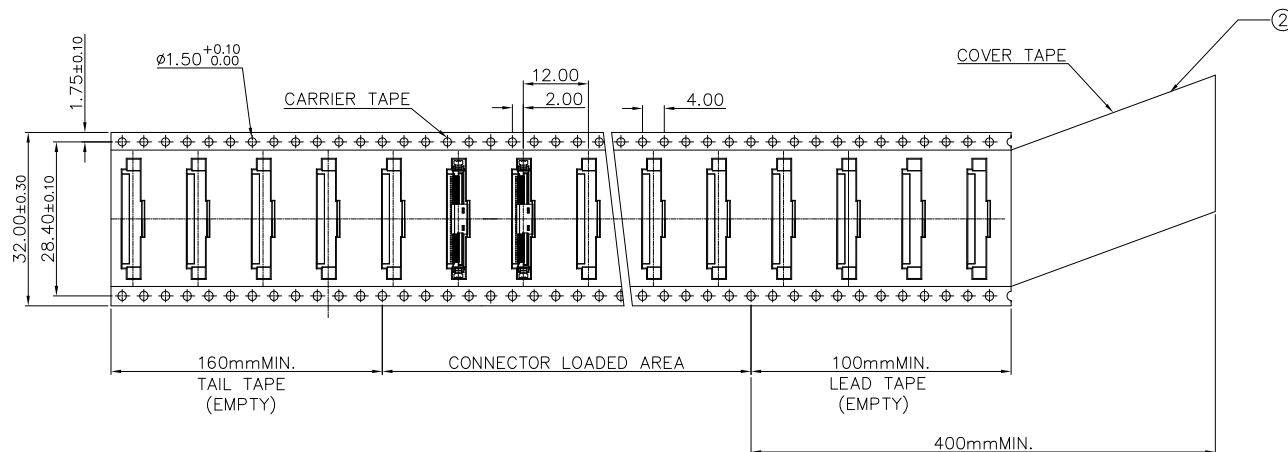
③	REEL	POLY STYRENE
②	COVER TAPE	PE
①	CARRIER TAPE	POLY STYRENE
ITEM	DESCRIPTION	MATERIAL

UNITS: mm	GENERAL TOLERANCE	APPROVED: Darren.Lei	PART NO.(INTENDED USE) WS42***-S0131-HF
DATE: 05/24'18	X. :±0.50 .X :±0.30 SCALE: N/A	CHECKED: Mike Wu	TITLE: CUSTOMER DRAWING
	.XX :±0.20 .XXX	DRAWING: Beal.Bao	DRAWING NO.: 820-0000-025
SHEET: 4/5	MATERIAL: SEE TABLE	Q'TY: N/A	Highstar
REV.: F	FINISH: N/A	⊕	Drapho ELECTRONICS TECHNOLOGY CO., LTD



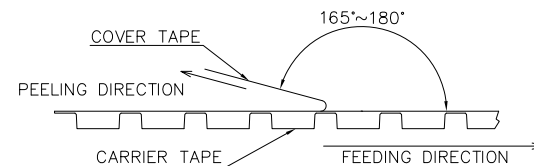
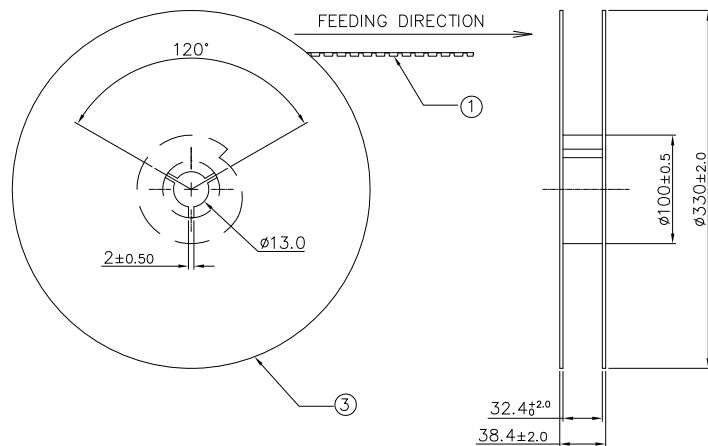
AUTOCAD GENERATED DRAWING, DON'T CHANGE BY HAND.

REV.	ECN. NO.	APPD.



NOTES:

- 10 POCKETS HOLE PITCH CUMULATIVE TOLERANCE  $\pm 0.20\text{mm}$ .
- COVER TAPE PEELING STRENGTH : 0.01~0.13 Kgf AT 300mm/min.



3. PACKAGING CAPACITY:

POS.NO.	PCS/REEL	REEL/BOX	PCS/BOX
40	2500	5	12500

③	REEL	POLY STYRENE
②	COVER TAPE	PE
①	CARRIER TAPE	POLY STYRENE
ITEM	DESCRIPTION	MATERIAL

UNITS: mm	GENERAL TOLERANCE	APPROVED: Darren.Lei	PART NO.(INTENDED USE) WS42***-S0131-HF
DATE: 05/24'18	X. : $\pm 0.50$ .X : $\pm 0.30$ SCALE: N/A	CHECKED: Mike Wu	TITLE: CUSTOMER DRAWING
SHEET: 5/5	MATERIAL: SEE TABLE	DRAWING: Beal.Bao	DRAWING NO.: 820-0000-025
REV: F	FINISH: N/A	Q'TY: N/A	Highstar
		Drapho ELECTRONICS TECHNOLOGY CO., LTD	

