

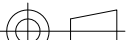

REV.	ECR/ECN No.	DESCRIPTION	DRAWN/DATE	CHECKED/DATE	APPROVED/DATE
X1	/	NEW DRAWING	May 2021-07-09	Rain 2021-07-09	Hongkui.liu 2021-07-09

NO.	COMPONENTS	MATERIALS	SPECIFICATION:FINISH/COLOR	QTY.
1	HOUSING	GLASS FILLED LCP UL94V-0	NATURAL	1
2	COVER	GLASS FILLED PA9T UL94V-0	BLACK	1
3	CONTACT	PHOSPHOR BRONZE T=0.20±0.01mm	CONTACT AREA SEE "NOTE" AND FOOT UNDERPLATING:1um NICKEL MIN.	N
4	STATOR	PHOSPHOR BRONZE T=0.20±0.01mm	ALL OVER 2um MIN. MATTE TIN UNDERPLATING:1um NICKEL MIN.	2

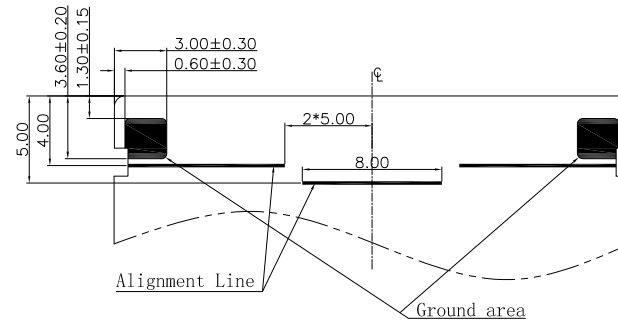
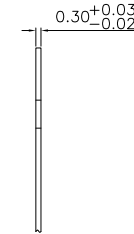
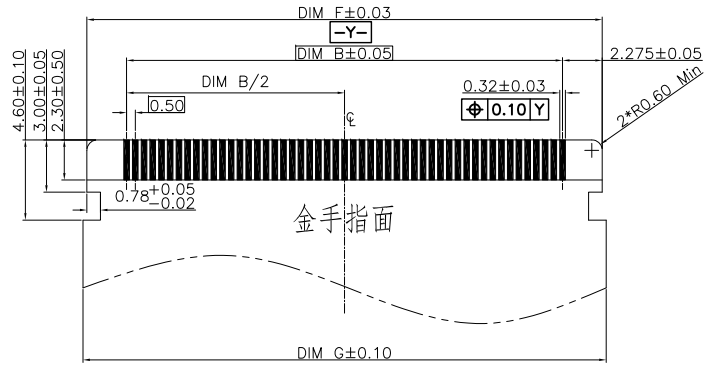
NOTE:

- Material:
HOUSING: LCP. NATURAL. UL94V-0.
COVER: PA9T. BLACK. UL94V-0.
CONTACT: PHOSPHOR BRONZE;T=0.20mm.
STATOR: PHOSPHOR BRONZE;T=0.20mm.
- PLATING:
CONTACT:SEE "PART NO. LEGEND"
FOOT UNDERPLATING:1um NICKEL MIN.
STATOR:ALL OVER 2um MIN. MATTE TIN
UNDERPLATING:1um NICKEL MIN.
- COMPLIANT TO RoHS DIRECTIVE
- "▽" MARK IS CPK AND X-R DIMENSION
- "▼" MARK IS IMPORTANT DIMENSIONS
- PART NO. LEGEND:
F33X-1AAJ1-E89**
NO. OF POSITIONS
AJ:PHOSPHOR BRONZE
G/T(Contact area 0.025um Au Min.
Solder area 2um Min. Matte Tin)

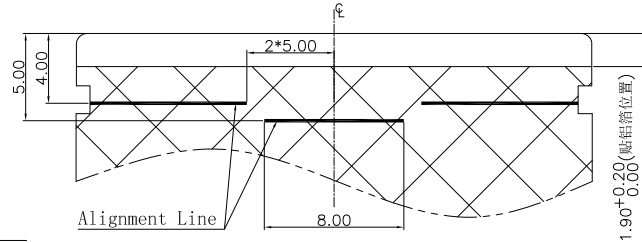
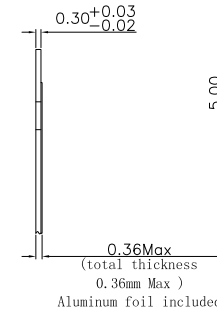
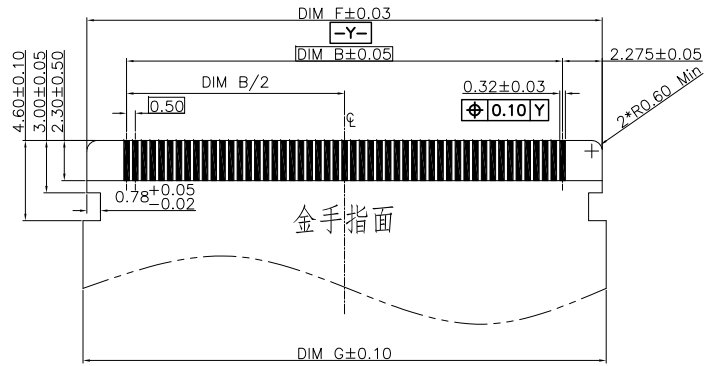
CKT	DIM A	DIM B	DIM C	DIM D	DIM E
30	22.00	14.50	22.30	19.10	17.59
41	27.50	20.00	27.80	24.60	23.09
51	32.50	25.00	32.80	29.60	28.09

UNLESS OTHERWISE SPECIFIED TOLERANCES				ANGLE OF PROJECTION 		 Amphenol Aorora Technology (Huizhou) Co.,Ltd				
X.	±0.30	X. °	± 5'			X.X	±0.25	X.X °	± 4'	
X.XX	±0.20	X.XX °	± 3'	DOC TYPE		Customer Drw		TITLE: Assembly Drawing For 0.5 PITCH FPC CONN. Easy-on R/A SMT TYPE		
X.XXX	±0.15	X.XXX °	± 2'	DRAWN	DATE	May 2021-07-09		SIZE	PART NUMBER: F33X-1AAJ1-E89**	REV. X1
LINEAR DIMS		ANGLES DIMS		DESIGN	DATE	May 2021-07-09				
DWG NO.: A-S0702				CHECKED	DATE	Rain 2021-07-09				
MATERIAL		SEE NOTES		APPROVED	DATE	Hongkui.liu 2021-07-09				
FINISHED		SEE NOTES				SCALE		1:1	UNIT : mm	SHEET 1 OF 3

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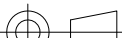


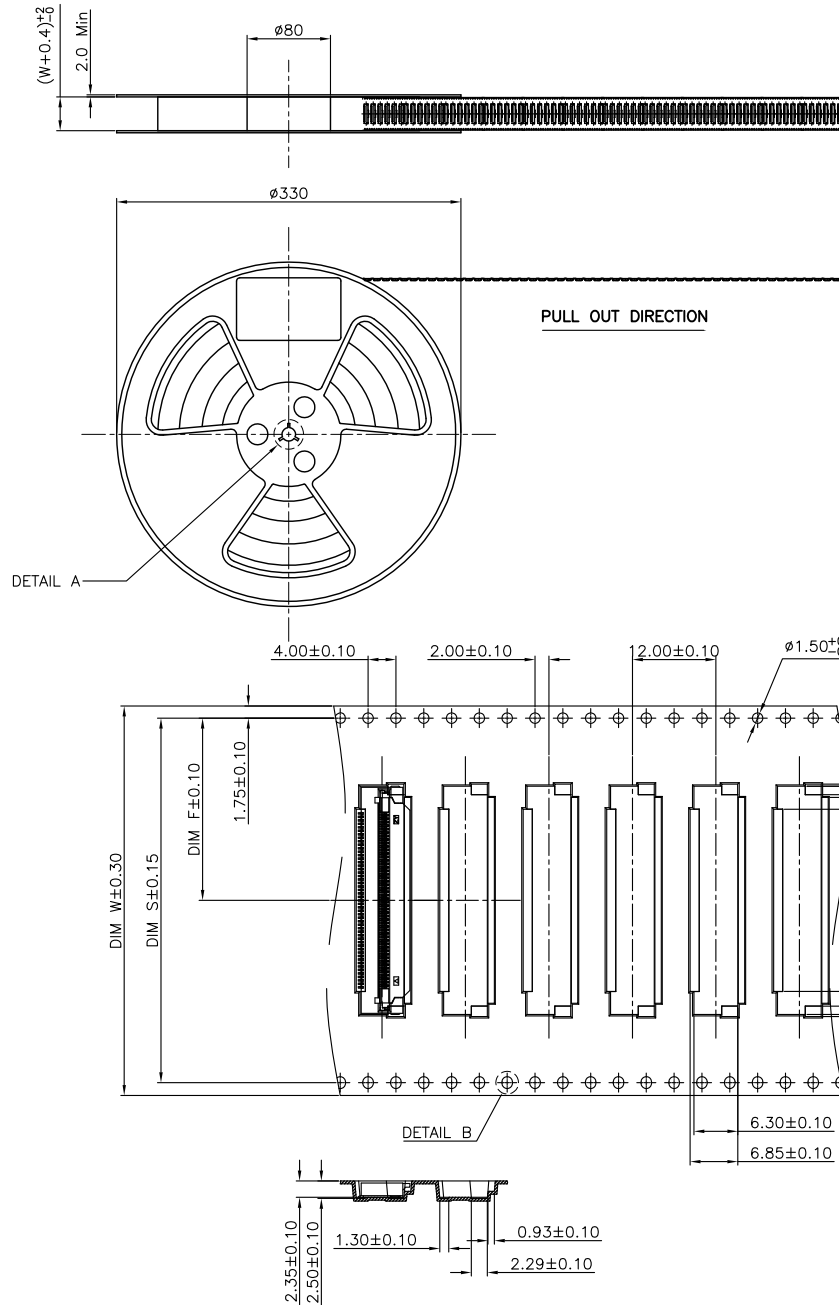
APPLICABLE FPC RECOMMENDED DIMENSION
一体覆膜FPC线



APPLICABLE FPC RECOMMENDED DIMENSION
贴铝箔FPC线

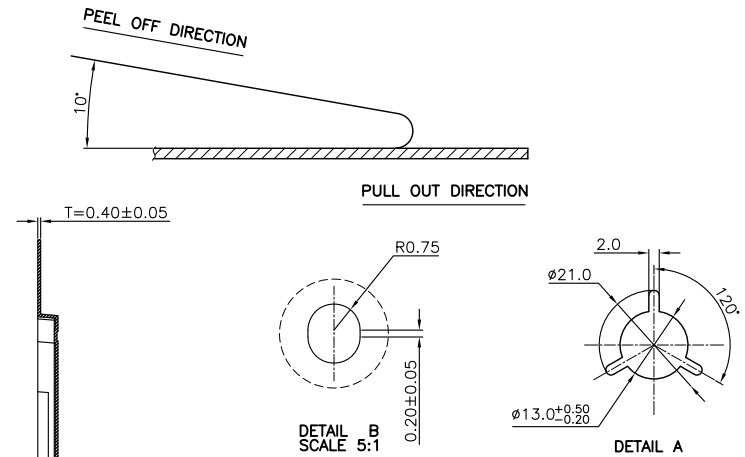
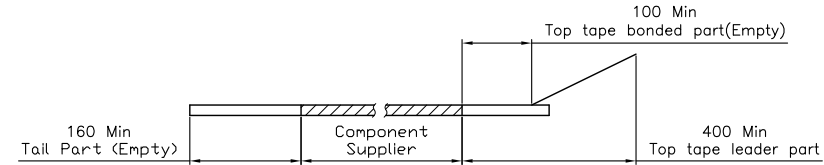
CKT	DIM B	DIM F	DIM G
30	14.50	19.05	19.50
41	20.00	24.55	25.00
51	25.00	29.55	30.00

UNLESS OTHERWISE SPECIFIED TOLERANCES				ANGLE OF PROJECTION		 Amphenol Aorora Technology (Huizhou) Co.,Ltd			
X.	±0.30	X. °	± 5'			TITLE: Assembly Drawing For 0.5 PITCH FPC CONN. Easy-on R/A SMT TYPE			
X.X	±0.25	X.X °	± 4'						
X.XX	±0.20	X.XX °	± 3'	DOC TYPE Customer Drw		SIZE A4 PART NUMBER: F33X-1AAJ1-E89** REV. X1			
X.XXX	±0.15	X.XXX °	± 2'	DRAWN DATE May 2021-07-09					
LINEAR DIMS		ANGLES DIMS		DESIGN DATE May 2021-07-09					
DWG NO.: A-S0702				CHECKED DATE Rain 2021-07-09					
MATERIAL		SEE NOTES		APPROVED DATE Hongkui.liu 2021-07-09	SCALE 1:1			UNIT : mm	SHEET 2 OF 3
FINISHED		SEE NOTES							



NOTES:

1. 10 SPROCKET HOLE PITCH CUMULATIVE TOLERANCE ± 0.20 mm
2. CARRIER CAMBER NOT TO EXCEED 1mm IN 250mm.
3. ALL DIMENSIONS MEET EIA-481-C REQUIREMENTS.
4. MATERIAL: WHITE ANTI-STATIC POLYSTYRENE.
5. THICKNESS: 0.40 ± 0.05 mm.
6. PACKING LENGTH PER 13" REEL : 24.60METERS.
7. COMPONENT LOAD PER 13" REEL : 2000PCS.
8. PEELING OFF FORCE OF TOP TAPE $0.1N \sim 0.7N (10.2gf \sim 71.4gf)$.



CKTS	DIM B0	DIM B1	DIM B2	DIM B3	DIM W	DIM S	DIM F	Each Carton (PCS)
30	15.70	19.90	22.30	22.90	44.00	40.40	20.20	12000
41	21.20	25.40	27.80	28.40	44.00	40.40	20.20	12000
51	26.20	30.40	32.80	33.40	56.00	52.40	26.20	10000

UNLESS OTHERWISE SPECIFIED TOLERANCES				ANGLE OF PROJECTION		Amphenol AORORA		
X.	± 0.30	X. '	$\pm 5'$			Amphenol Aorora Technology (Huizhou) Co.,Ltd		
X.X	± 0.25	X.X '	$\pm 4'$					
X.XX	± 0.20	X.XX '	$\pm 3'$	DOC TYP	Customer Drw	TITLE: Assembly Drawing For 0.5 PITCH FPC CONN. Easy-on R/A SMT TYPE		
X.XXX	± 0.15	X.XXX '	$\pm 2'$	DRAWN	May 2021-07-09			
LINEAR DIMS	ANGLES DIMS			DESIGN	May 2021-07-09	SIZE	PART NUMBER:	REV.
DWG NO.:	A-S0702			CHECKED	Rain 2021-07-09	A4	F33X-1AAJ1-E89**	X1
MATERIAL	SEE NOTES			APPROVED	Hongkui.liu 2021-07-09	SCALE	1:1	UNIT : mm
FINISHED	SEE NOTES			DATE		SHEET	3	OF 3