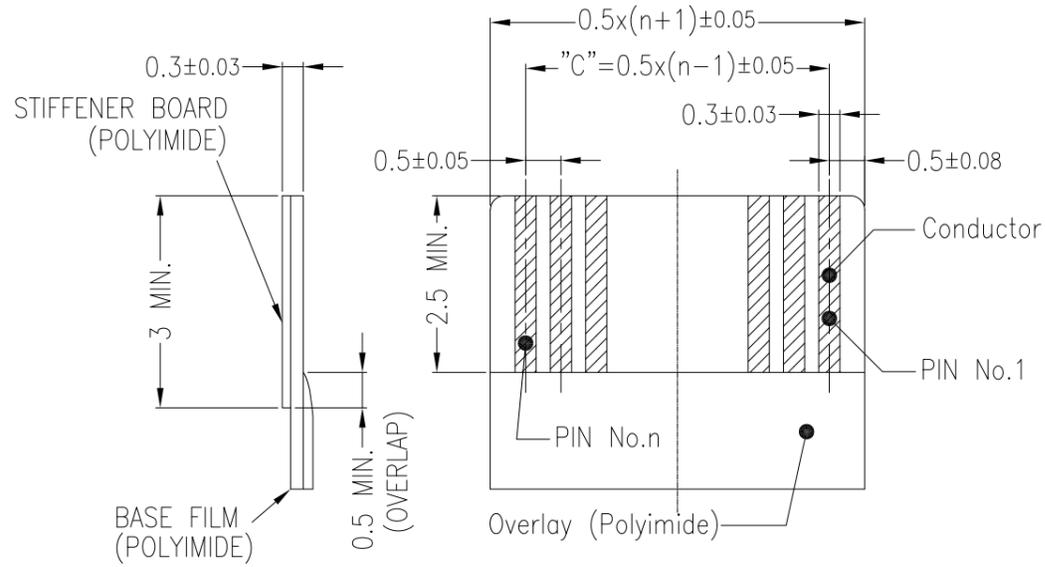
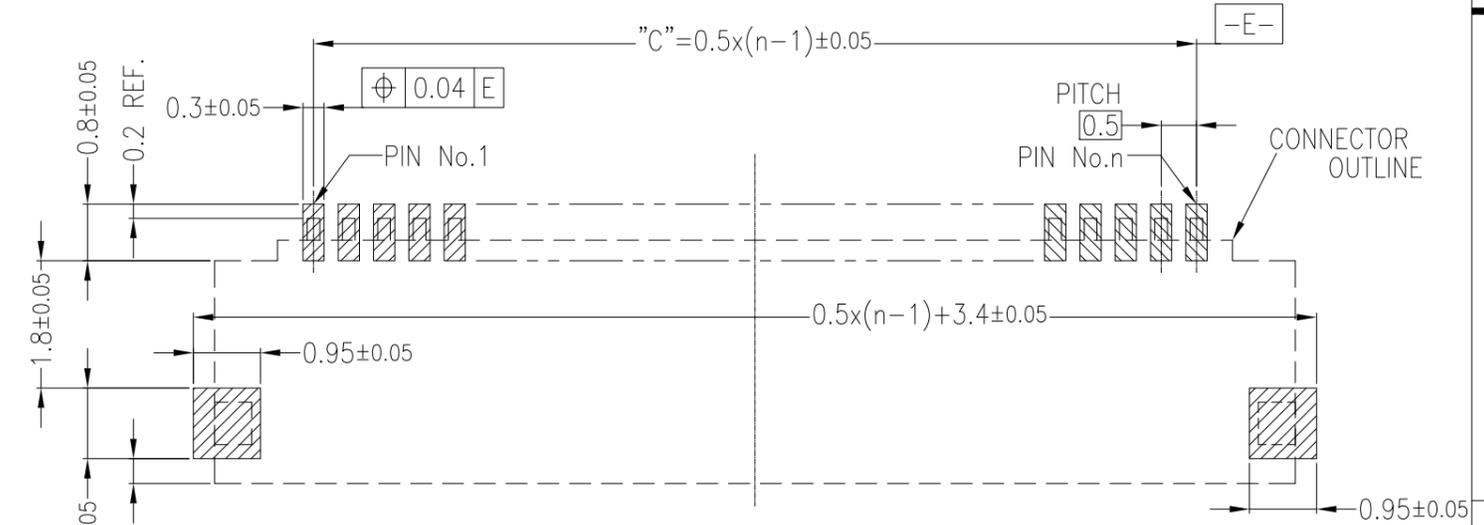
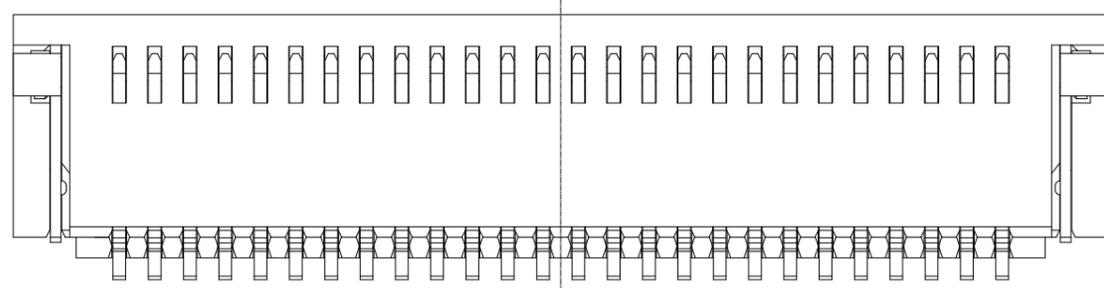
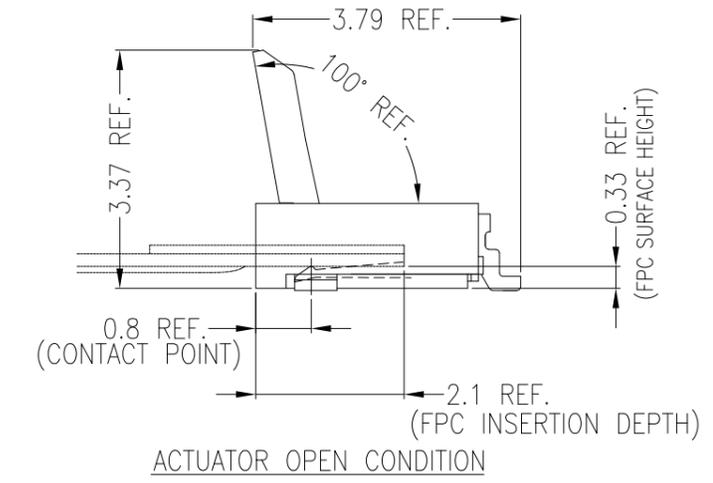
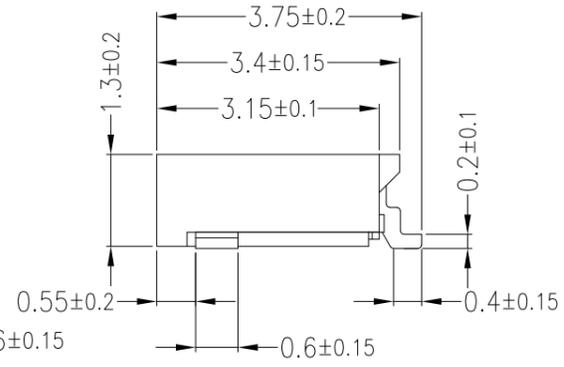
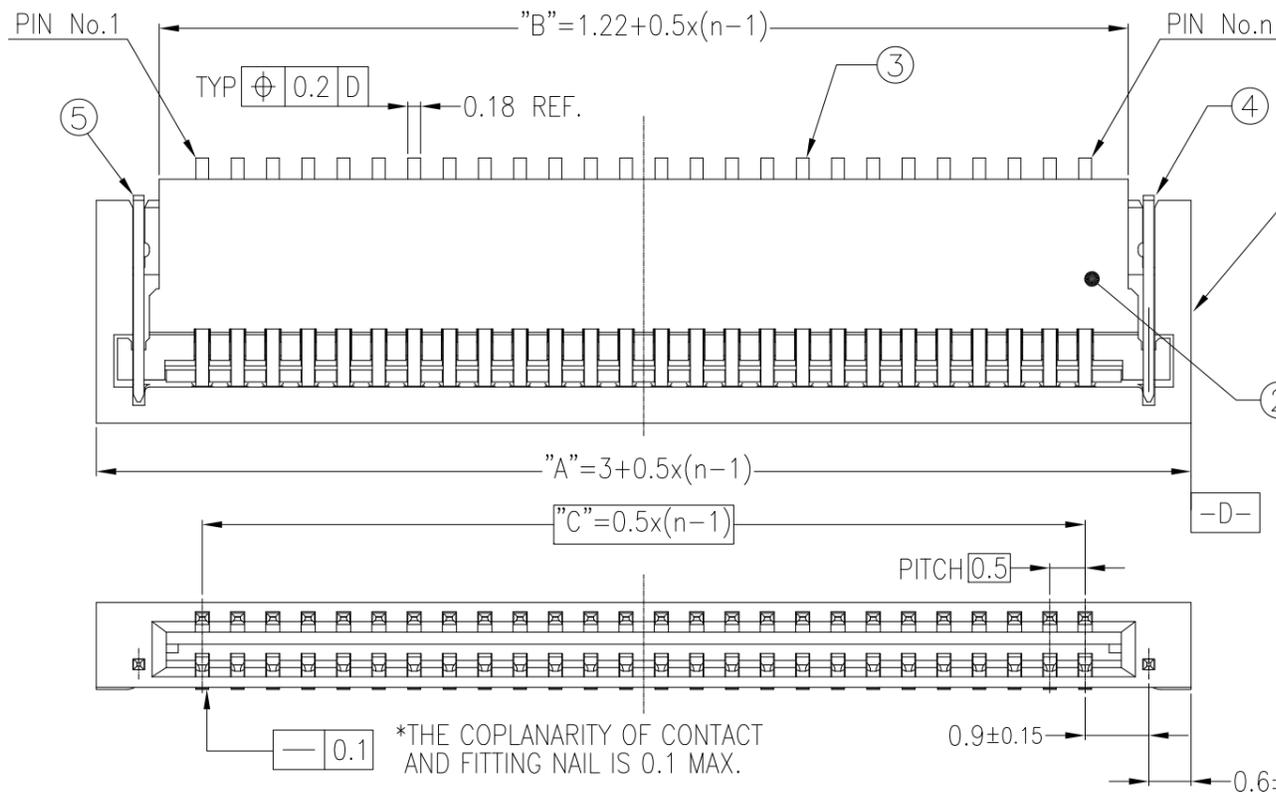


Note

- "n" shows the number of contacts.
- This product meets European Union Directives and other country regulations as described in GS-47-0004



mat'l. code		surface		tolerance		projection		product family	
---		ISO 1302		ISO 406 ISO 1101				59GF FLEX 0.5	
ltr	ecn no	dr	date	tolerances unless otherwise specified		MM		title	
A	J05-0356	N.S	2005-06-20	angles	linear	0.X	±0.3	ASSEMBLY	
F	J09-0178	N.S	2009-05-07	±2'		0.XX	±0.3	0.5mm PITCH CONNECTOR FOR FPC	
G	J10-0142	N.S	2010-06-04	dr	S.WATANABE	0.XXX	±0.3	VLL Series	
H	J10-0171	N.S	2010-06-23	engr	S.WATANABE	scale 10:1		dwg no sheet 1 of 5 size	
J	ELX-J-33203	N.S	2019-04-12	chr	AN.MOHAMMAD-NABEEL			10051922 A3	
K	ELX-J-50446	S.W	2024-01-18	appd	Y.KAMEDA			type Product Customer Drawing	
sheet index	revision sheet	K	K	K	K	K		Rev. K	

RECOMMENDED FPC PATTERN LAYOUT

RECOMMENDED PCB PATTERN LAYOUT

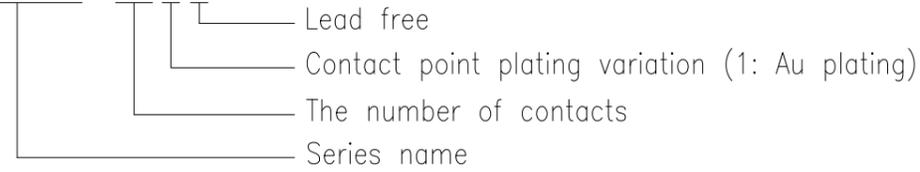
Amphenol FCI

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CONNECTOR ASSY

<P/N composition>

10051922- 24 1 LF



PARTS TABLE

No.	Part name	Material	Finish	Note
①	Housing	Enter glass fiber LCP resin	—	Color : Natural , UL94V-0
②	Actuator	Enter glass fiber 9TPA resin	—	Color : Black , UL94V-0
③	Contact	Copper alloy	Gold plating (Nickel underplating)	With Ni dam on the contact
④	Fitting nail (Right side)	Copper alloy	Tin plating (Nickel underplating)	—
⑤	Fitting nail (Left side)	Copper alloy	Tin plating (Nickel underplating)	—

CONTACT PLATING	DIM "C"	DIM "B"	DIM "A"	⑤ FITTING NAIL(L) QTY	④ FITTING NAIL(R) QTY	③ CONTACT QTY	② ACTUATOR QTY	① HOUSING QTY	PRODUCT NO.
Au	14.5	15.72	17.5	1	1	30	1	1	10051922-301LF
	13.5	14.72	16.5	1	1	28	1	1	10051922-281LF
	12.5	13.72	15.5	1	1	26	1	1	10051922-261LF
	11.5	12.72	14.5	1	1	24	1	1	10051922-241LF
	10.5	11.72	13.5	1	1	22	1	1	10051922-221LF
	9.5	10.72	12.5	1	1	20	1	1	10051922-201LF
	9.0	10.22	12.0	1	1	19	1	1	10051922-191LF
	8.5	9.72	11.5	1	1	18	1	1	10051922-181LF
	7.5	8.72	10.5	1	1	16	1	1	10051922-161LF
	7.0	8.22	10.0	1	1	15	1	1	10051922-151LF
	6.5	7.72	9.5	1	1	14	1	1	10051922-141LF
	5.5	6.72	8.5	1	1	12	1	1	10051922-121LF
	5.0	6.22	8.0	1	1	11	1	1	10051922-111LF
	4.5	5.72	7.5	1	1	10	1	1	10051922-101LF
	3.5	4.72	6.5	1	1	8	1	1	10051922-081LF

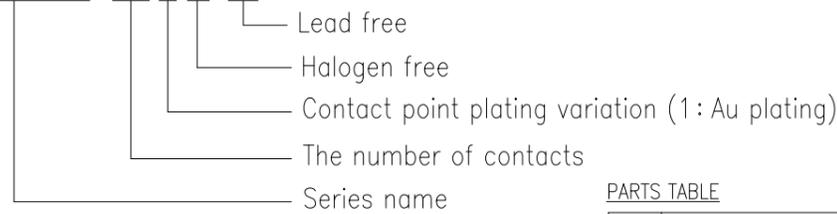
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---		ISO 1302		ISO 406				59GF FLEX 0.5	
ltr		ecn no		dr		date		title	
K								ASSEMBLY	
								0.5mm PITCH CONNECTOR FOR FPC	
								VLL Series	
								dwg no	
								sheet 2 of 5	
								size	
								A3	
								type	
								Product Customer Drawing	
sheet index		revision sheet						Rev.	
								K	



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<P/N composition>

10051922-24 1 H LF



CONNECTOR ASSY

HALOGEN FREE

PARTS TABLE

No.	Part name	Material	Finish	Note
①	Housing	Enter glass fiber LCP resin	—	Color : Natural , UL94V-0
②	Actuator	Enter glass fiber LCP resin	—	Color : Natural , UL94V-0
③	Contact	Copper alloy	Gold plating (Nickel underplating)	With Ni dam on the contact
④	Fitting nail (Right side)	Copper alloy	Tin plating (Nickel underplating)	—
⑤	Fitting nail (Left side)	Copper alloy	Tin plating (Nickel underplating)	—

CONTACT PLATING	DIM "C"	DIM "B"	DIM "A"	⑤ FITTING NAIL(L) QTY	④ FITTING NAIL(R) QTY	③ CONTACT QTY	② ACTUATOR QTY	① HOUSING QTY	PRODUCT NO.
Au	14.5	15.72	17.5	1	1	30	1	1	10051922-301HLF
	13.5	14.72	16.5	1	1	28	1	1	10051922-281HLF
	12.5	13.72	15.5	1	1	26	1	1	10051922-261HLF
	11.5	12.72	14.5	1	1	24	1	1	10051922-241HLF
	10.5	11.72	13.5	1	1	22	1	1	10051922-221HLF
	9.5	10.72	12.5	1	1	20	1	1	10051922-201HLF
	9.0	10.22	12.0	1	1	19	1	1	10051922-191HLF
	8.5	9.72	11.5	1	1	18	1	1	10051922-181HLF
	7.5	8.72	10.5	1	1	16	1	1	10051922-161HLF
	7.0	8.22	10.0	1	1	15	1	1	10051922-151HLF
	6.5	7.72	9.5	1	1	14	1	1	10051922-141HLF
	5.5	6.72	8.5	1	1	12	1	1	10051922-121HLF
	5.0	6.22	8.0	1	1	11	1	1	10051922-111HLF
	4.5	5.72	7.5	1	1	10	1	1	10051922-101HLF
3.5	4.72	6.5	1	1	8	1	1	10051922-081HLF	

mat'l. code		surface		tolerance		projection		product family	
---		ISO 1302		ISO 406 ISO 1101				59GF FLEX 0.5	
ltr		ecn no		dr		date		title	
K								ASSEMBLY	
								0.5mm PITCH CONNECTOR FOR FPC	
								VLL Series	
								dwg no	
								sheet 3 of 5	
								size	
								A3	
								type	
								Product Customer Drawing	
sheet index		revision sheet						Rev.	
								K	



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PRODUCT NO.	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "E"	CONTACT PLATING	Emboss QTY.	TOOLING AVAILABLE	
10051922-0810ELF	16	7.5	21.5	8	--	Au	4500	YES	
10051922-1010ELF								YES	
10051922-1110ELF								YES	
10051922-1210ELF								YES	
10051922-1410ELF								YES	
10051922-1510ELF								YES	
10051922-1610ELF								YES	
10051922-1810ELF								YES	
10051922-1910ELF	24	11.5	29.5	8	--	Au	4500	YES	
10051922-2010ELF								YES	
10051922-2210ELF								YES	
10051922-2410ELF								YES	
10051922-2610ELF								YES	
10051922-2810ELF								YES	
10051922-3010ELF								YES	
10051922-2210ELF	32	14.2	37.5	8	28.4	Au	4500	YES	
10051922-2410ELF								YES	
10051922-2610ELF								YES	
10051922-2810ELF								YES	
10051922-3010ELF								YES	

EMBOSS PACKAGE

PARTS TABLE

No.	Part name	Material	QTY.	Note
①	The reel for packaging	Polystyrene	1	Color : White or Black, Electrification prevention processing
②	Emboss tape	Polystyrene	1	Electrification prevention processing
③	Cover tape	Polyester, Polyethylene	1	
④	Connector	See Sheet1	4500	Applied for 8mm pitch emboss tape

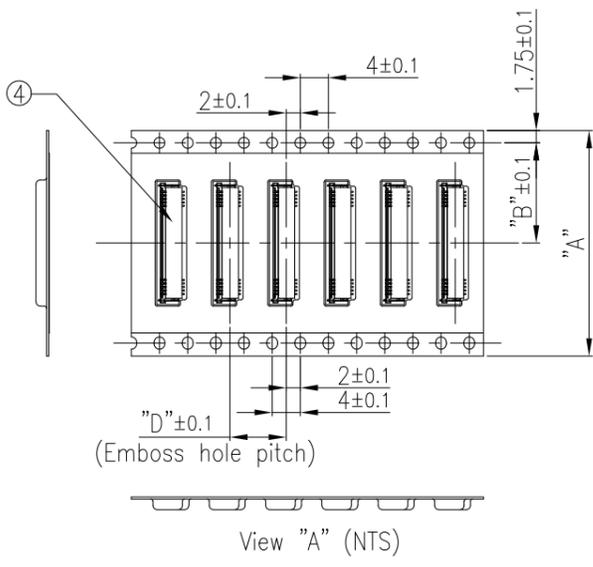
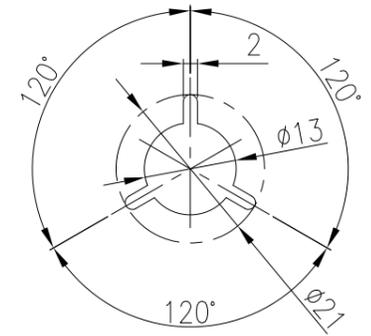
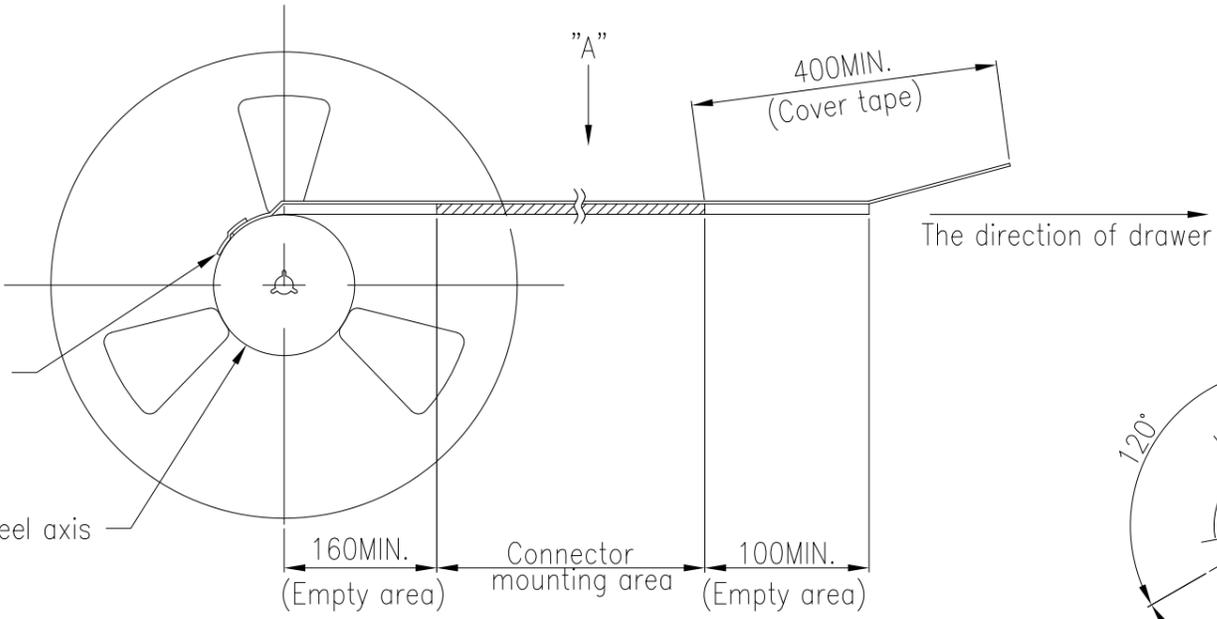
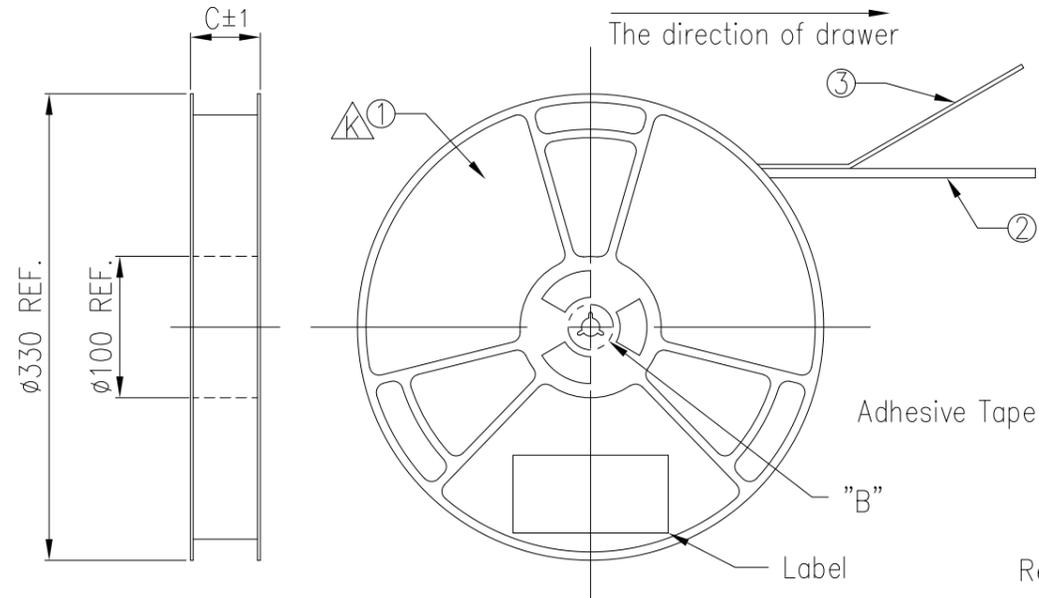
NOTE

- This article carries out the emboss tape package of the 0.5mm pitch connector for FPC.
- The shape and dimension of this article are based on JIS C 0806.
(Taping of electronic parts (Surface mounted device))

<P/N composition>

10051922-16 1 0E LF

- Lead free
- Packaging form (0E : 8mm emboss pitch, Plastic reel • Embossing tape package)
- Refer to connector drawing (Sheet 2).



mat'l. code	---	surface	ISO 1302	tolerance	ISO 406 ISO 1101	projection		product family	59GF FLEX 0.5
ltr	ecn no	dr	date	tolerances unless otherwise specified		MM	scale 10:1	title	
K				angles	linear			ASSEMBLY	
				±2'	0.X ±0.3 0.XX ±0.3 0.XXX ±0.3			0.5mm PITCH CONNECTOR FOR FPC VLL Series	
		dr	S.WATANABE	2024-01-18				dwg no	sheet 4 of 5 size
		enr	S.WATANABE	2024-01-18				10051922	A3
		chr	AN.MOHAMMAD-NABEEL	2024-01-19					
		appd	Y.KAMEDA	2024-01-19					
sheet index	revision sheet							type	Product Customer Drawing
									Rev. K

