

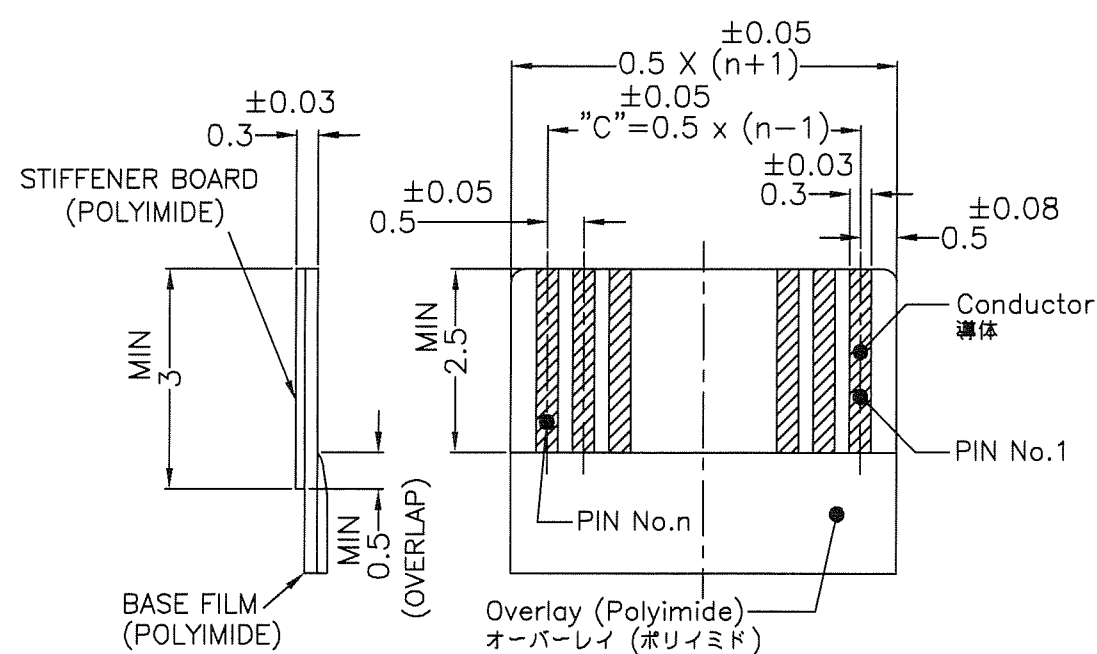
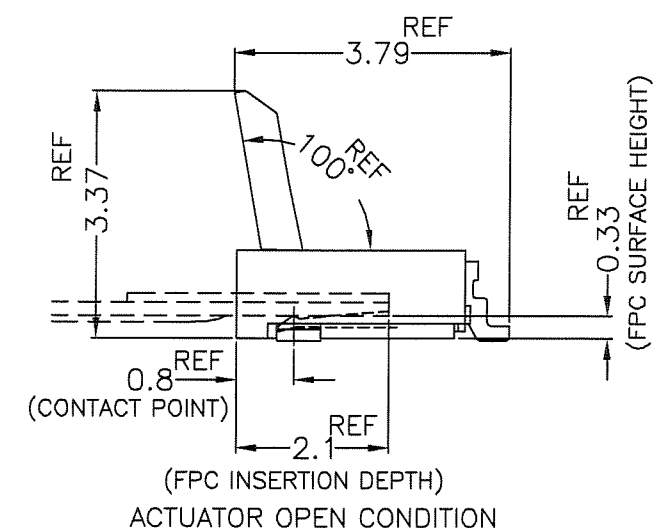
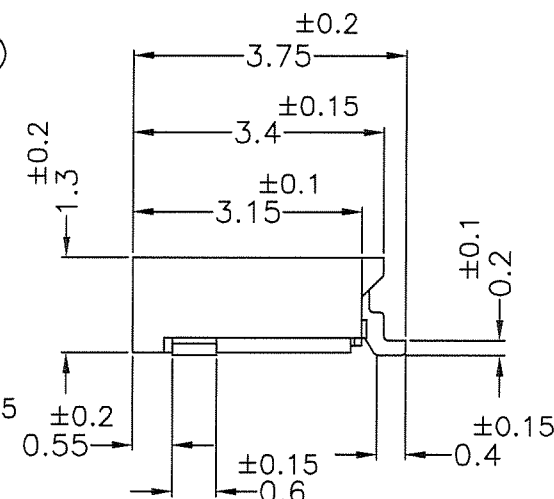
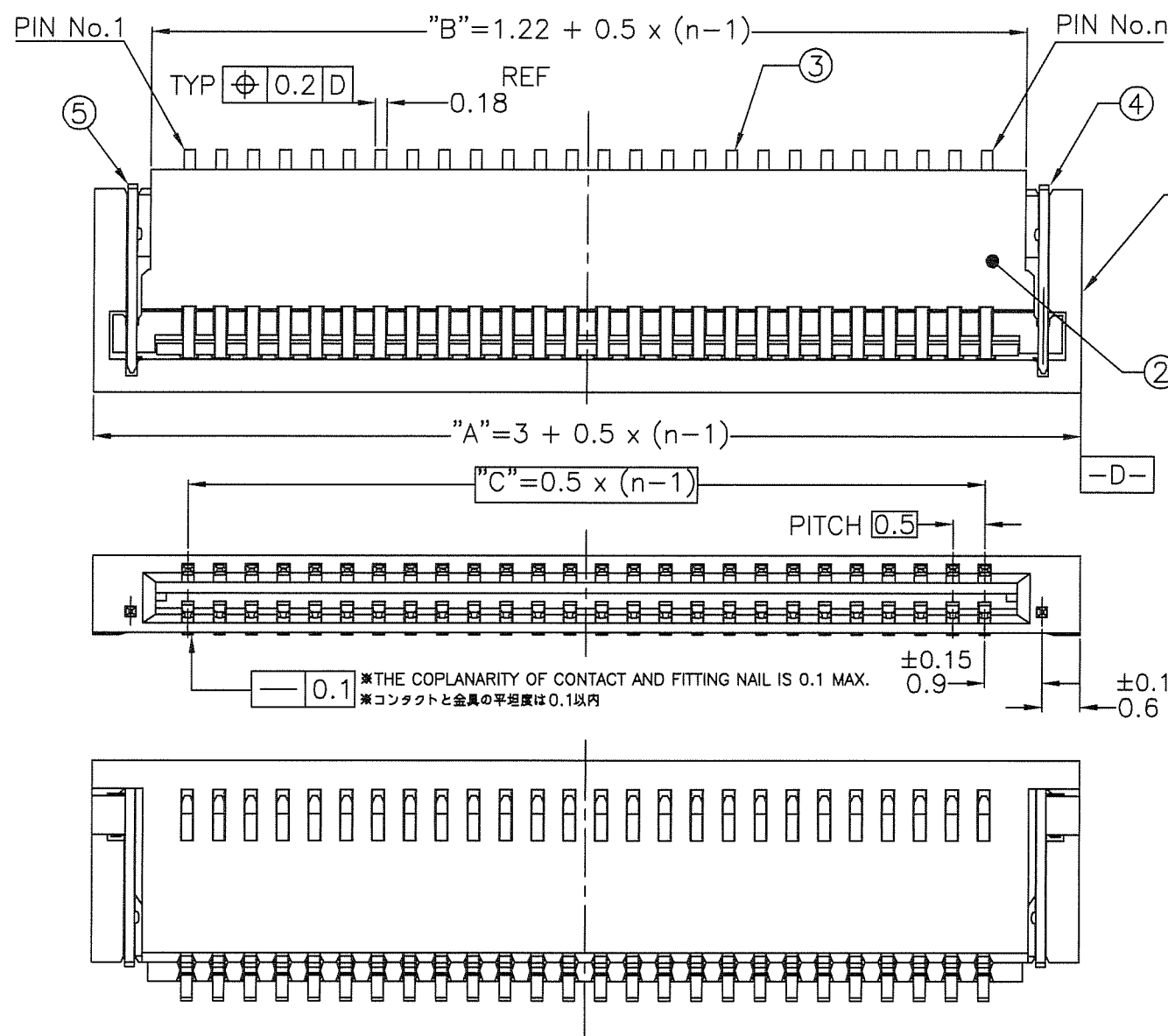
CONNECTOR ASSY

Note

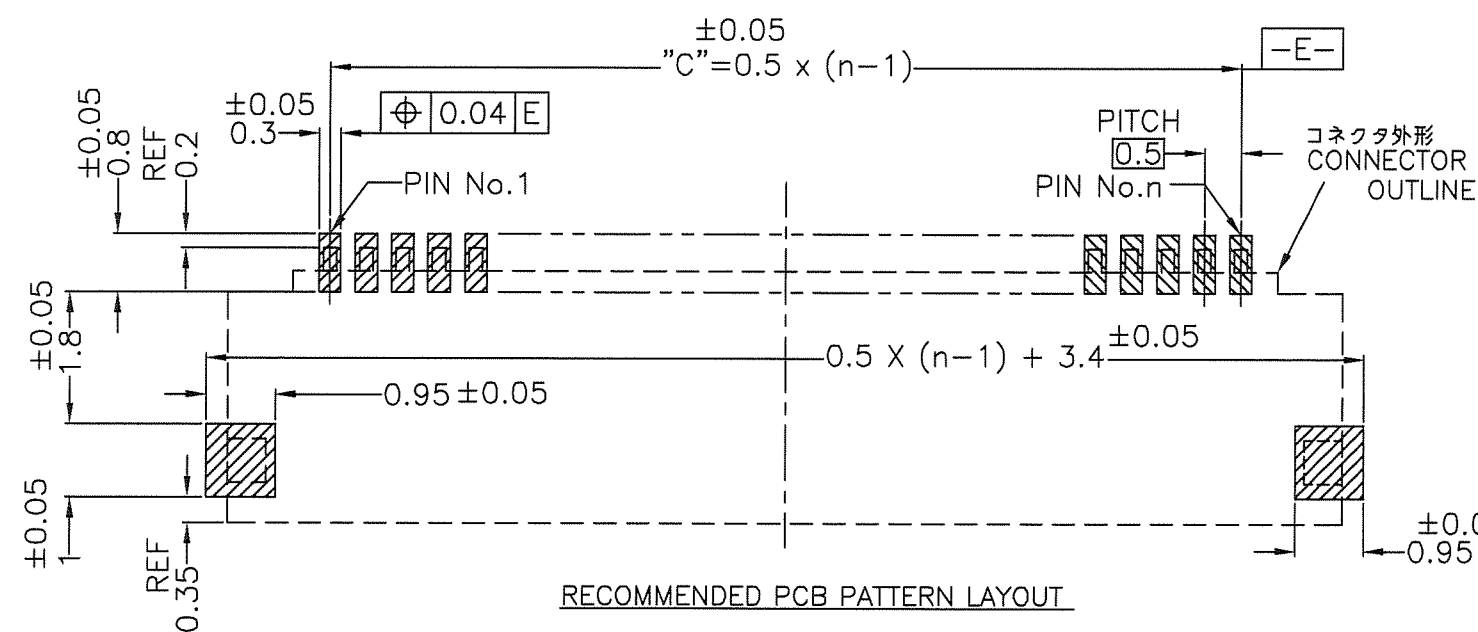
1. "n" shows the number of contacts.
2. This product meets European Union Directives and other country regulations as described in GS-22-008

注記

1. n は極数を示す。
2. 本製品は、GS-22-008に記載されたヨーロッパ連合指令と他国の規制に適合しています。



RECOMMENDED FPC PATTERN LAYOUT



RECOMMENDED PCB PATTERN LAYOUT

mat'l. code ---						surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family 59GF FLEX 0.5				CODE JP											
ltr		description		ecn no		dr		date		tolerances unless otherwise specified				 mm scale 10:1													
A		RELEASED		J05-0356		N.S		6/20/'05		angles		linear								0.X ±0.3		0.XX ±0.3					
D		REVISED		J07-0530		N.S		2007-10-25		±2'		0.XXX ±0.3															
E		REVISED		J08-0283		N.S		2008-7-1		dr		N.SASAME		2010-6-23				dwg no				sheet 1 of 5		size			
F		REVISED		J09-0178		N.S		2009-5-7		enrg		N.SASAME		2010-6-23				10051922				A3					
G		ADDEDP/N		J10-0142		N.S		2010-6-4		chr		Z. Remade		2010-6-23													
H		REVISED		J10-0171		N.S		2010-6-23		appd		M. Gaud		Jun 24/10													
sheet index		revision		H		H		H		H		H		H				type		Product		Customer		Drawing		Rev.	
		sheet		1		2		3		4		5														H	

CONNECTOR ASSY

<P/N composition> <P/N 構成>

10051922- 24 1 LF

Lead free
鉛フリー品

Contact point plating variation (1: Au plating)

接点部めっきバリエーション (1: 金めっき)

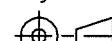
The number of contacts 極数

Series name
シリーズ名

PARTS TABLE 部品表

No.	Part name 部品名	Material 材質	Finish めっき	Note 備考
①	Housing ハウジング	Enter glass fiber LCP resin ガラス繊維入り LCP 樹脂	—	色: 乳白色, UL94V-0 Color: Natural, UL94V-0
②	Actuator アクチュエーター	Enter glass fiber 9TPA resin ガラス繊維入り ポリアミド 9T	—	色: 黒, UL94V-0 Color: Black, UL94V-0
③	Contact コンタクト	Copper alloy 銅合金	Au plating (Nickel underplating) 金めっき (ニッケル下地めっき)	ニッケルダムあり With Ni dam on the contact
④	Fitting nail (Right side) 補強金具 (右側)	Copper alloy 銅合金	Tin alloy plating (Nickel underplating) スズ合金めっき (ニッケル下地めっき)	—
⑤	Fitting nail (Left side) 補強金具 (左側)	Copper alloy 銅合金	Tin alloy plating (Nickel underplating) スズ合金めっき (ニッケル下地めっき)	—

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	10.22	12	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	8.22	10	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	6.22	8	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
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.

mat'l. code ---					surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family 59GF FLEX 0.5				CODE JP	
ltr	description	ecn no	dr	date	tolerances unless otherwise specified					title ASSEMBLY 0.5mm PITCH CONNECTOR FOR FPC VLL Series						
A	RELEASED	J05-0356	N.S	6/20/'05	angles	linear	0.X									±0.3
				0.XX			±0.3									
				±2°			0.XXX									±0.3
E	REVISED	J08-0283	N.S	2008-7-1	dr	N.SASAME		2010-6-23				dwg no		sheet 2 of 5		size
F	REVISED	J09-0178	N.S	2009-5-7	engr	N.SASAME		2010-6-23				10051922		A3		
G	ADDEDP/N	J10-0142	N.S	2010-6-4	chr	Y. Kamada		2010-6-23								
H	REVISED	J10-0171	N.S	2010-6-23	appd	M. Kato		2010-6-23								
sheet index		revision sheet										type		Product Customer Drawing		Rev. H



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CONNECTOR ASSY

HALOGEN FREE

<P/N composition> <P/N 構成>

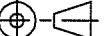
10051922- 24 1 H LF

Lead free
鉛フリー品
Halogen free
ハロゲンフリー品
Contact point plating variation (1: Au plating)
接点部めっきバリエーション (1: 金めっき)
The number of contacts 極数
Series name
シリーズ名

PARTS TABLE 部品表

No.	Part name 部品名	Material 材質	Finish めっき	Note 備考
①	Housing ハウジング	Enter glass fiber LCP resin ガラス繊維入り LCP 樹脂	—	色: 乳白色, UL94V-0 Color: Natural, UL94V-0
②	Actuator アクチュエーター	Enter glass fiber LCP resin ガラス繊維入り LCP 樹脂	—	色: 乳白色, UL94V-0 Color: Natural, UL94V-0
③	Contact コンタクト	Copper alloy 銅合金	Au plating (Nickel underplating) 金めっき (ニッケル下地めっき)	ニッケルダムあり With Ni dam on the contact
④	Fitting nail (Right side) 補強金具 (右側)	Copper alloy 銅合金	Tin alloy plating (Nickel underplating) スズ合金めっき (ニッケル下地めっき)	—
⑤	Fitting nail (Left side) 補強金具 (左側)	Copper alloy 銅合金	Tin alloy plating (Nickel underplating) スズ合金めっき (ニッケル下地めっき)	—

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	10.22	12	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	8.22	10	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	6.22	8	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
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.

mat'l. code ----					surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection  mm  scale 10:1 	product family 59GF FLEX 0.5		CODE JP	
ltr	description	ecn no	dr	date	tolerances unless otherwise specified			title ASSEMBLY 0.5mm PITCH CONNECTOR FOR FPC VLL Series					
					angles ±2°	linear	0.X	±0.3					
							0.XX	±0.3					
							0.XXX	±0.3					
					dr	N.SASAME		2010-6-23		dwg no		sheet3 of 5	size
					enr	N.SASAME		2010-6-23		10051922		A3	
G	ADDEDP/N	J10-0142	N.S	2010-6-4	chr	Y.Kameda		2010-6-23					
H	REVISED	J10-0171	N.S	2010-6-23	appd	M.Goto		Jun 23/10					
sheet index	revision												
	sheet												Rev. H

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	24	11.5	29.5	8	--	Au	4500	YES
10051922-1610ELF								YES
10051922-1810ELF								YES
10051922-1910ELF								YES
10051922-2010ELF								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

PARTS TABLE 部品表

No.	Part name 部品名	Material 材質	QTY.	Note 備考
①	The reel for packaging 梱包用リール	Polystyrene ポリスチレン	1	Color : White, Electrification prevention processing 色 : 白、帯電防止処理品
②	Emboss tape エンボステープ	PET	1	Electrification prevention processing 帯電防止処理品
③	Cover tape カバーテープ	Polyester ポリエステル	1	
④	Connector コネクタ	See sheet 1	4500	APPLIED FOR 8mm PITCH EMBOS TAPE

EMBOSS PACKAGE

NOTE

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

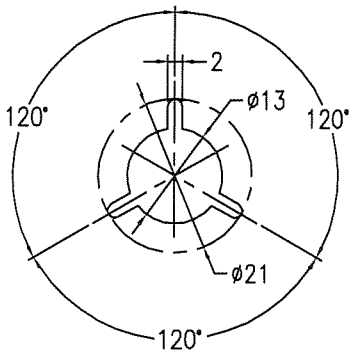
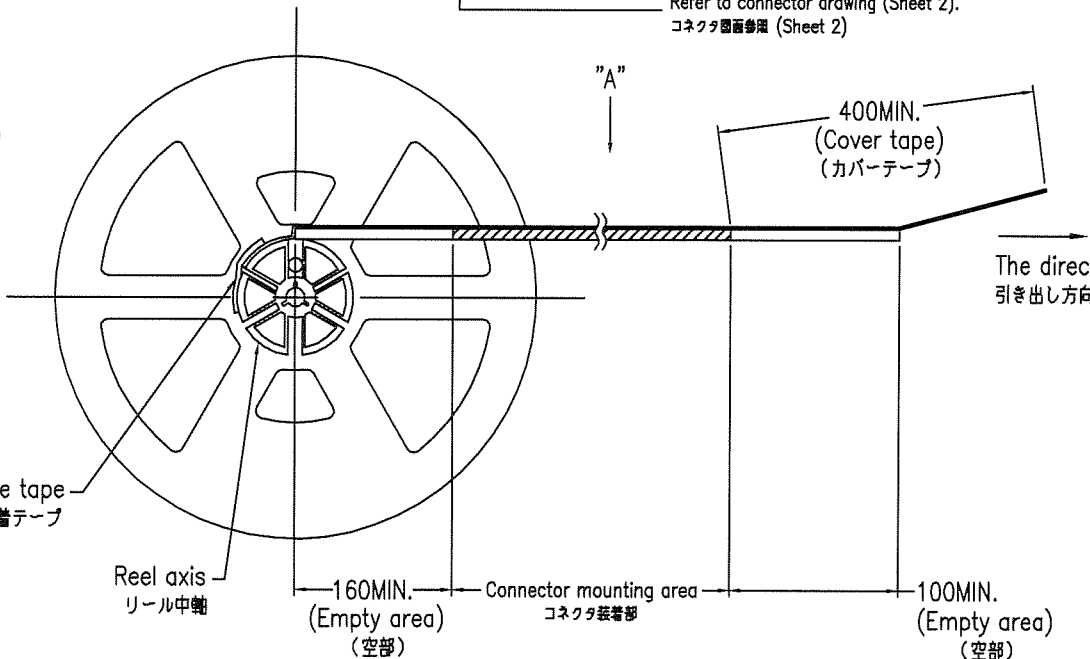
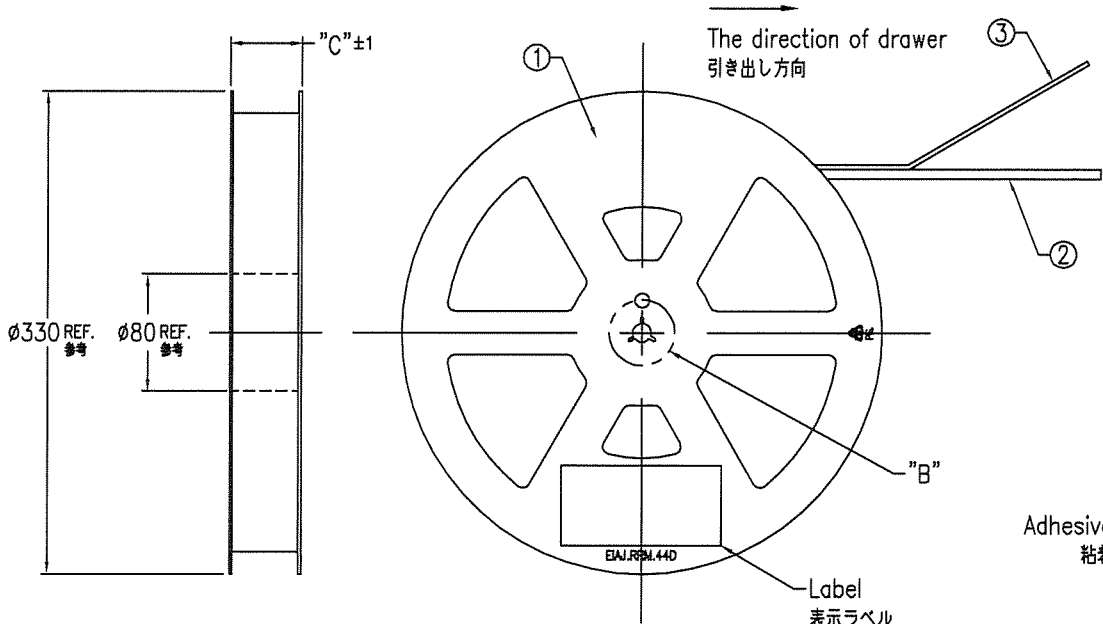
注 記

1. 本品は 0.5mm ピッチ FPC 用コネクタをエンボステープ梱包したものである。
2. 本品の形状及び寸法規定は JIS C 0806 (電子部品のテーピング (表面実装部品)) に準拠する。

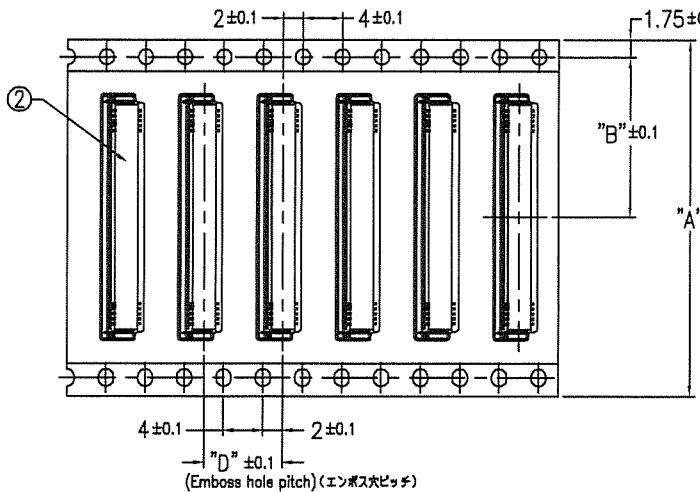
<P/N composition> <P/N 構成>

10051922-16 1 0E LF

- Lead free
鉛フリー品
- Packaging form (0E : 8mm emboss pitch, Plastic reel・Embossing tape package)
梱包形態 (0E : 8mmエンボス穴ピッチ、プラスチックリール・エンボステープ梱包)
- Refer to connector drawing (Sheet 2).
コネクタ図面参照 (Sheet 2)



DETAIL "B" (1/1)
"B" 部詳細図 (1/1)



VIEW "A" (N.S.) 矢視 "A" (N.S.)

mat'l. code ---						surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection mm	product family 59GF FLEX 0.5	CODE JP
ltr	description	ecn no	dr	date	tolerances unless otherwise specified	angles	linear	mm	title	
A	RELEASED	J05-0356	N.S	6/20/05	±2°		0.X ±0.3 0.XX ±0.3 0.XXX ±0.3	scale 10:1	ASSEMBLY 0.5mm PITCH CONNECTOR FOR FPC VLL Series	
E	REVISED	J08-0283	N.S	2008-7-1	dr	N.SASAME	2010-6-23		dwg no	sheet4 of 5 size
F	REVISED	J09-0178	N.S	2009-5-7	enr	N.SASAME	2010-6-23		10051922	A3
G	ADDEDP/N	J10-0142	N.S	2010-6-4	chr	Y. Kamada	2010-6-23		type	Product Customer Drawing
H	REVISED	J10-0171	N.S	2010-6-23	appd	MCorn	Jun 23/10		Rev.	H
sheet index	revision sheet									

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

PARTS TABLE 部品表

No.	Part name 部品名	Material 材質	QTY.	Note 備考
①	The reel for packaging 梱包用リール	Polystyrene ポリスチレン	1	Color : White, Electrification prevention processing 色 : 白、帯電防止処理品
②	Emboss tape エンボステープ	PET	1	Electrification prevention processing 帯電防止処理品
③	Cover tape カバーテープ	Polyester ポリエステル	1	
④	Connector コネクタ	See sheet 1	4500	APPLIED FOR 8mm PITCH EMBOS TAPE

EMBOSS PACKAGE

HALOGEN FREE

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))

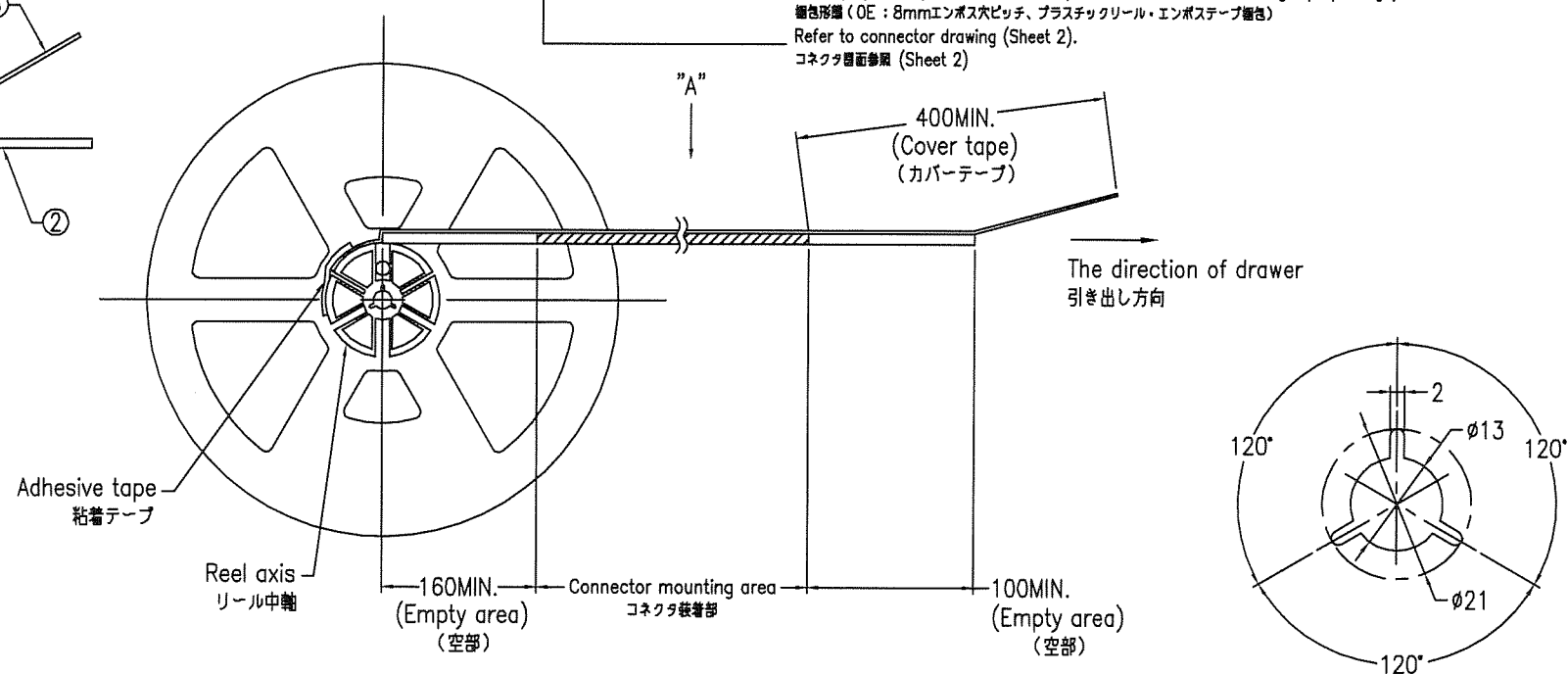
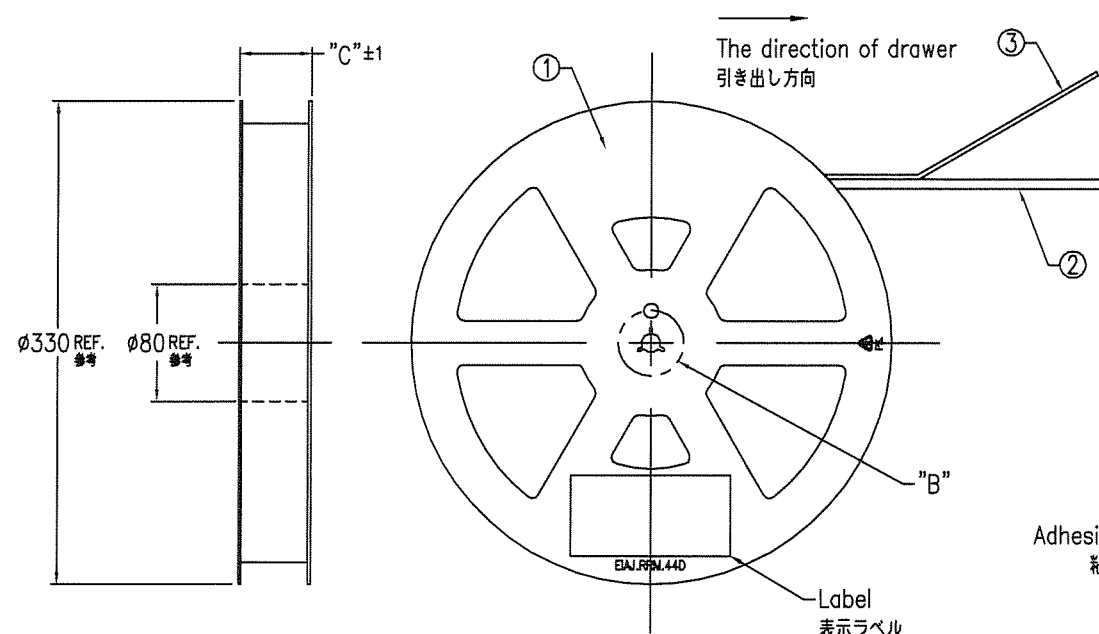
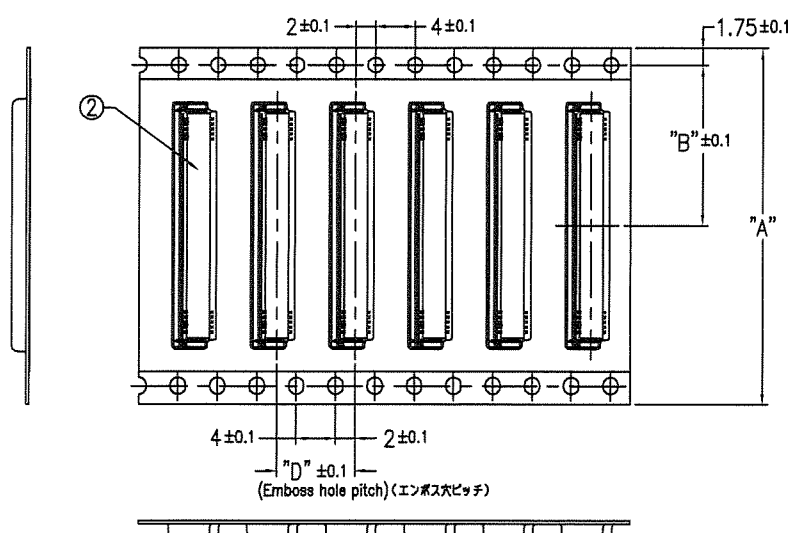
注 記

- 本品は 0.5mm ピッチ FPC 用コネクタをエンボステープ梱包したものである。
- 本品の形状及び寸法規定は JIS C 0806 (電子部品のテーピング (表面実装部品)) に準拠する。

<P/N composition> <P/N 構成>

10051922-16 1 0E H L F

Lead free
鉛フリー品
Halogen free
ハロゲンフリー品
Packaging form (0E : 8mm emboss pitch, Plastic reel・Embossing tape package)
梱包形態 (0E : 8mmエンボス穴ピッチ、プラスチックリール・エンボステープ梱包)
Refer to connector drawing (Sheet 2).
コネクタ図面参照 (Sheet 2)

DETAIL "B" (1/1)
"B" 部詳細図 (1/1)

mat'l. code ---					surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection mm scale 10:1	product family 59GF FLEX 0.5	CODE JP
ltr	description	ecn no	dr	date	tolerances unless otherwise specified			title ASSEMBLY 0.5mm PITCH CONNECTOR FOR FPC VLL Series	
					angles	linear	0.X ±0.3 0.XX ±0.3 0.XXX ±0.3	dwg no 10051922	
					dr	N.SASAME	2010-6-23	sheet 5 of 5 size A3	
					enrg	N.SASAME	2010-6-23	type Product Customer Drawing	
G	ADDEDP/N	J10-0142	N.S	2010-6-4	chr	Y. Kameda	2010-6-23	Rev. H	
H	REVISED	J10-0171	N.S	2010-6-23	appd	M. Kimura	2010-6-23		
sheet index	revision sheet								

Mouser Electronics

Authorized Distributor

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FCI:

[10051922-2610EHLF](#) [10051922-1510EHLF](#) [10051922-1610EHLF](#) [10051922-2210EHLF](#) [10051922-2810EHLF](#)