

Technical drawing of a circular mechanical part, likely a flange or end plate, showing a front view and a detail view.

Front View:

- The part is circular with a central hole.
- It features four triangular cutouts arranged radially around the center.
- There are two rectangular cutouts, one at the top and one at the bottom, along the vertical centerline.
- Dimension lines indicate a 120° angle between the radial centerlines of the triangular cutouts.
- Callout 1 points to the outer edge of the part.
- Callout 2 points to a horizontal feature (possibly a flange or mounting surface) extending from the right side.
- Callout 3 points to a sloped surface on the horizontal feature.
- Callout 4 points to the bottom rectangular cutout, with the label "ラベル" (Label) and "ON LABEL" below it.
- Callout 5 points to the central hole, with the label "詳細図参照 X" (Detail X) and "DETAIL X" below it.

Detail View (DETAIL X):

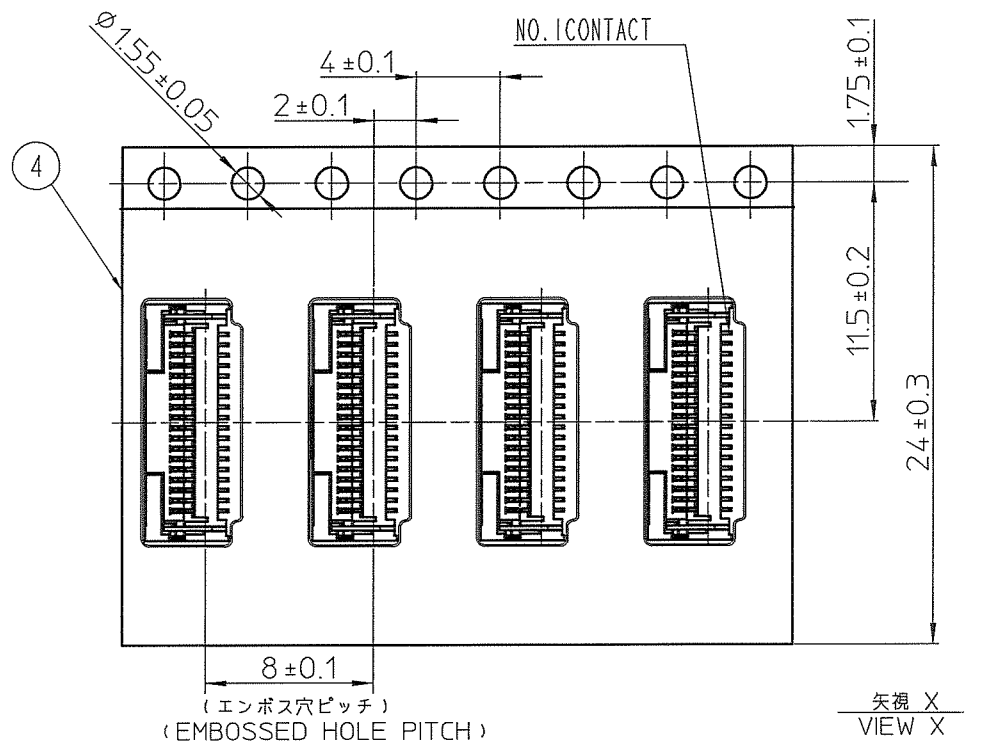
- This view shows a magnified section of the central hole area.
- It reveals a hexagonal internal feature with six radial slots.
- Dimension lines indicate a 120° angle between the radial centerlines of the slots.
- Callout 1 points to the outer edge of the detail.
- Callout 2 points to one of the radial slots.
- Callout 3 points to a dimension of $\phi 13$ (13 mm diameter).
- Callout 4 points to a dimension of $\phi 21$ (21 mm diameter).

Orientation:

- A horizontal arrow at the top indicates the "引き出し方向" (Drawing Direction).

Labels:

- ラベル (Label)
- ON LABEL
- 詳細図参照 X (Detail X)
- DETAIL X



注記

1. 本製品は、自動実装(SMT)対応、FPC用コネクタのプラスチックテープ梱包品である。
2. プラスチック(エンボス)テープ 及びリールの形状寸法は、JIS C 0806 (電子部品のテーピング(表面実装部品))に準ずる。

rev	ecn no	dr	date
A	J05-0359	M.K	Mar.10,'05
B	J06-0196	M.K	May18,'06
C	J07-0442	M.K	Aug.31,'07
D	J08-0496	M.K	Nov.22,'08
E	J09-0045	M.K	Feb.2,'09
F	J12-0129	M.K	Aug.30,'12

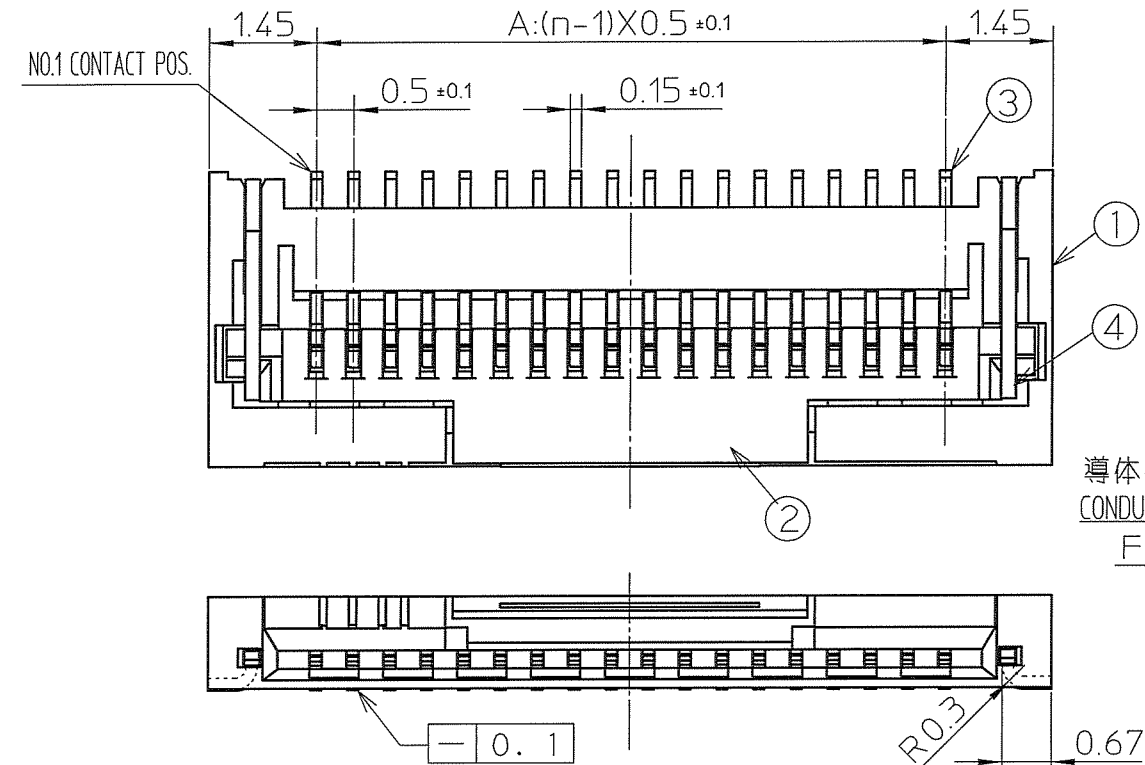
PDM: Rev:F STATUS: **Released** Printed: Sep 05, 2012

PRODUCT NUMBER	NO. OF CONTACTS
10054365-18211LF	18 CONTACTS
10054365-20211LF	20 CONTACTS
10054365-24211LF	24 CONTACTS
10054365-28211LF	28 CONTACTS

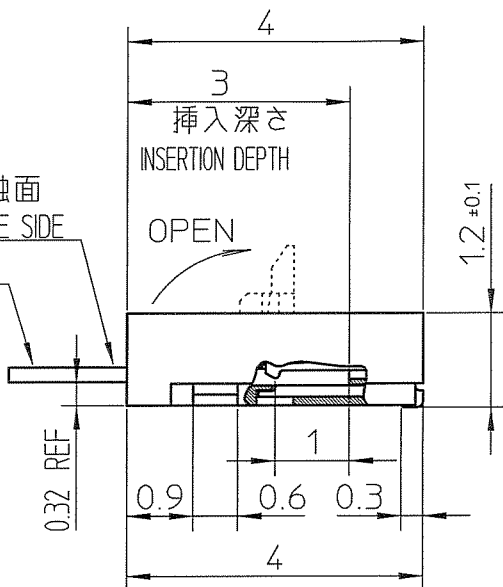
寸法表 DIMENSIONS TABLE

NO. OF CONTACTS	A	B	C
18 CONTACTS	8.5	9.5	11.9
20 CONTACTS	9.5	10.5	12.9
24 CONTACTS	11.5	12.5	14.9
28 CONTACTS	13.5	14.5	16.9

n:極数
nNO. OF CONTACTS

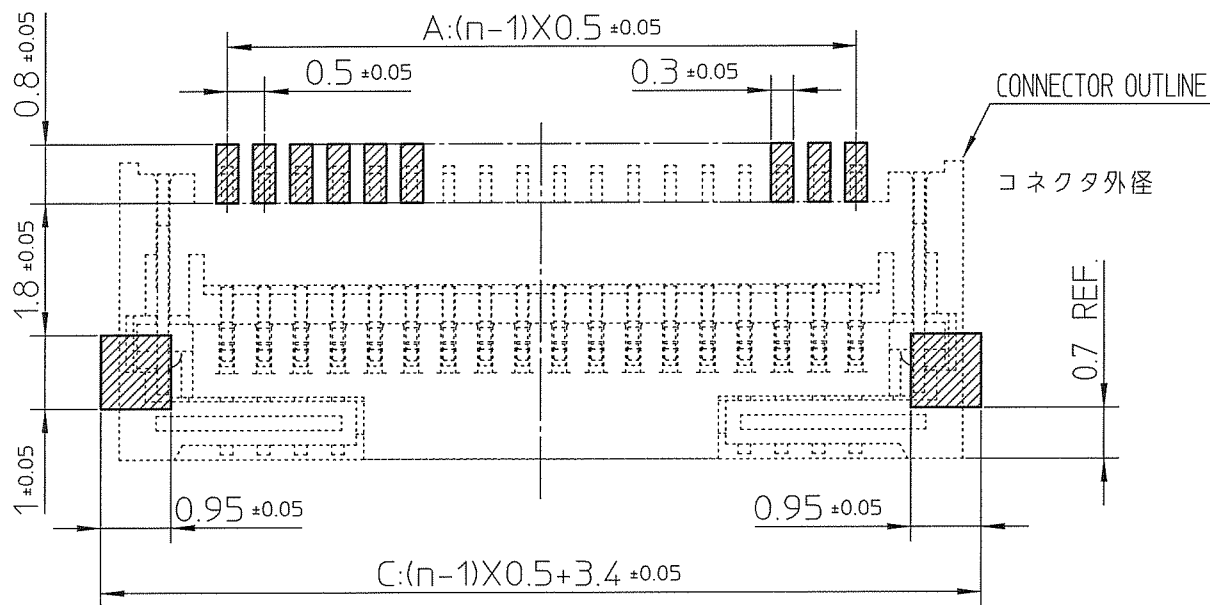


導体接触面
CONDUCTIVE SIDE
FPC

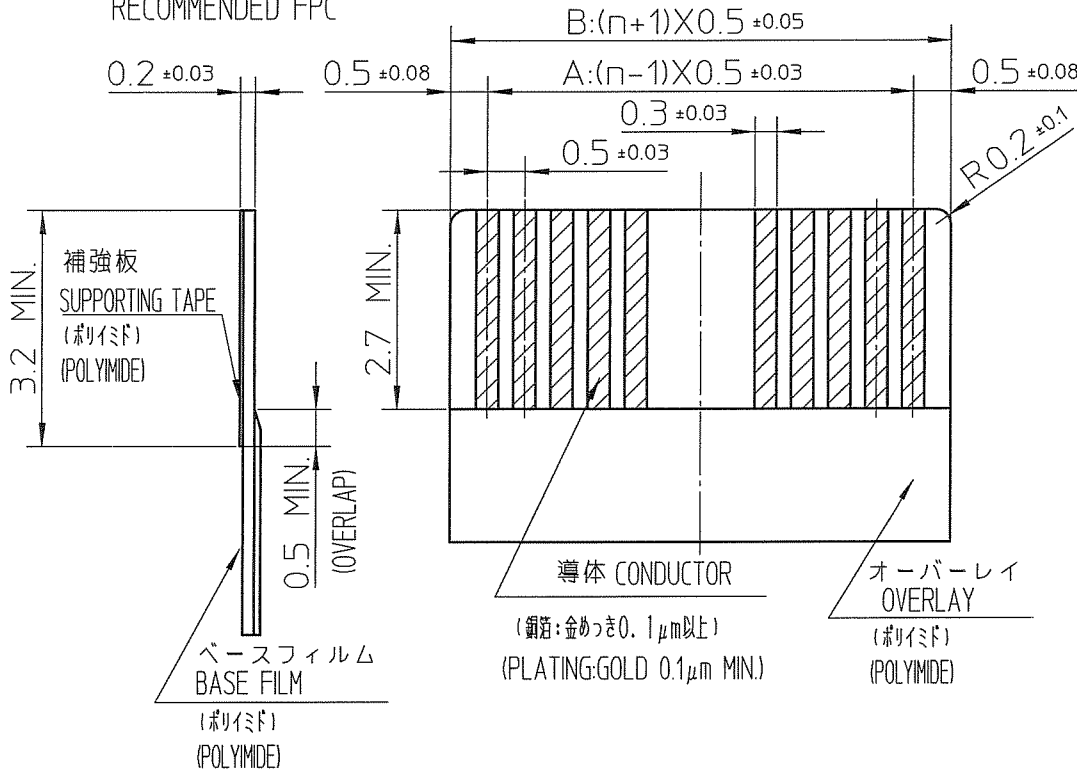


RECOMMENDED PCB LAYOUT

推奨基板寸法



推奨FPC寸法
RECOMMENDED FPC



部品表 PARTS TABLE

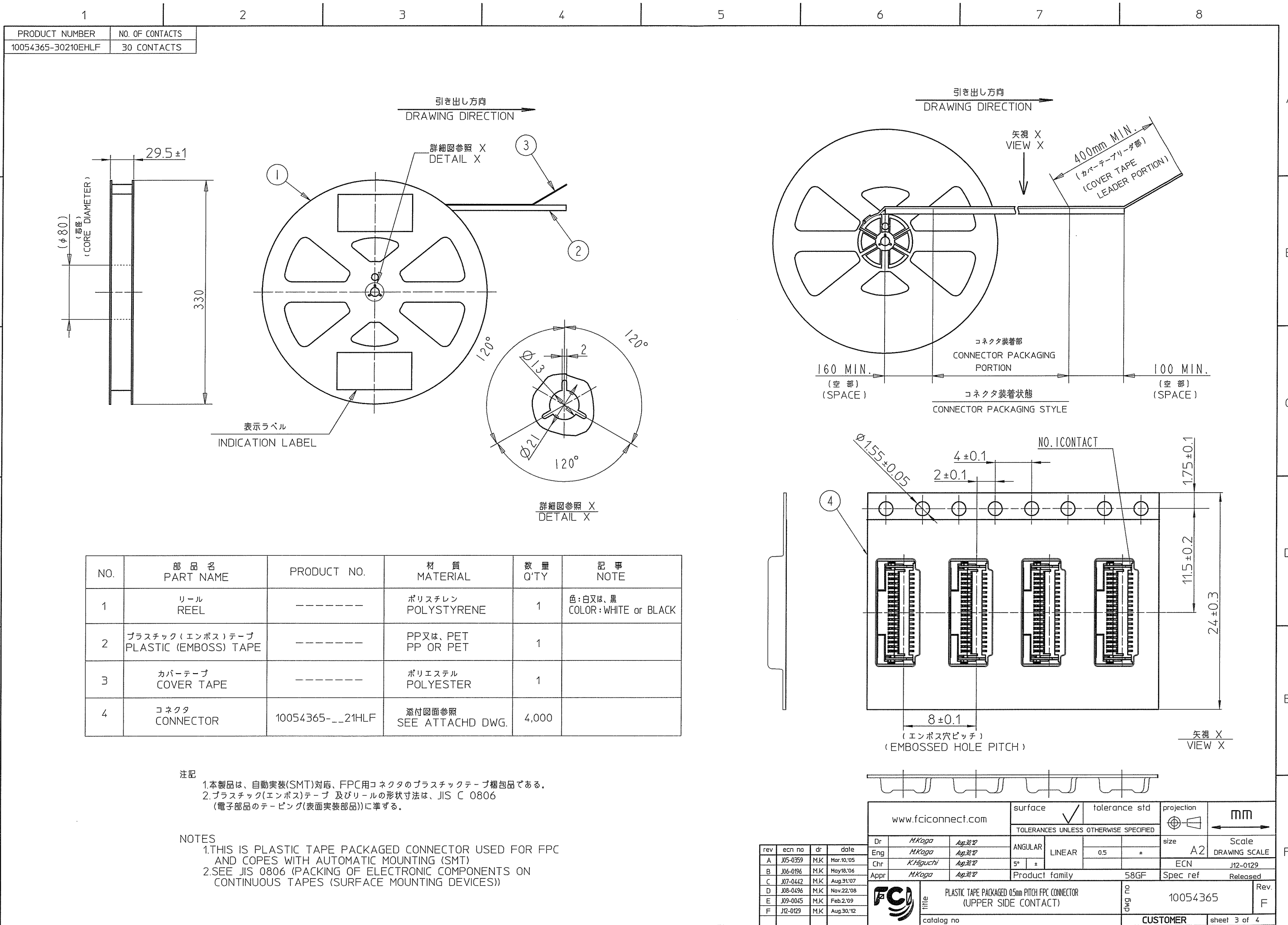
部品番号 PART NO.	部品名 PART NAME	材 料 MATERIALS	数量 Q'TY	備 考 NOTE
①	ハウジング HOUSING	耐熱性ガラス繊維入りポリイミド樹脂 (UL94V-0) POLYAMIDE RESIN GLASS REINFORCE(UL94V-0)	1	色: 白 COLOR: WHITE
②	アクチュエータ ACTUATOR	耐熱性ガラス繊維入りPPS樹脂 (UL94V-0) PPS RESIN GLASS REINFORCE(UL94V-0)	1	色: 黒 COLOR: BLACK
③	コンタクト CONTACT	りん青銅 PHOSPHOR BRONZE	n	めっき: ニッケル下地金めっき PLATING: GOLD UNDER Ni PLATING
④	補強金具 FIXING TAB	りん青銅 PHOSPHOR BRONZE	2	めっき: ニッケル下地すずめっき PLATING: TIN UNDER Ni PLATING

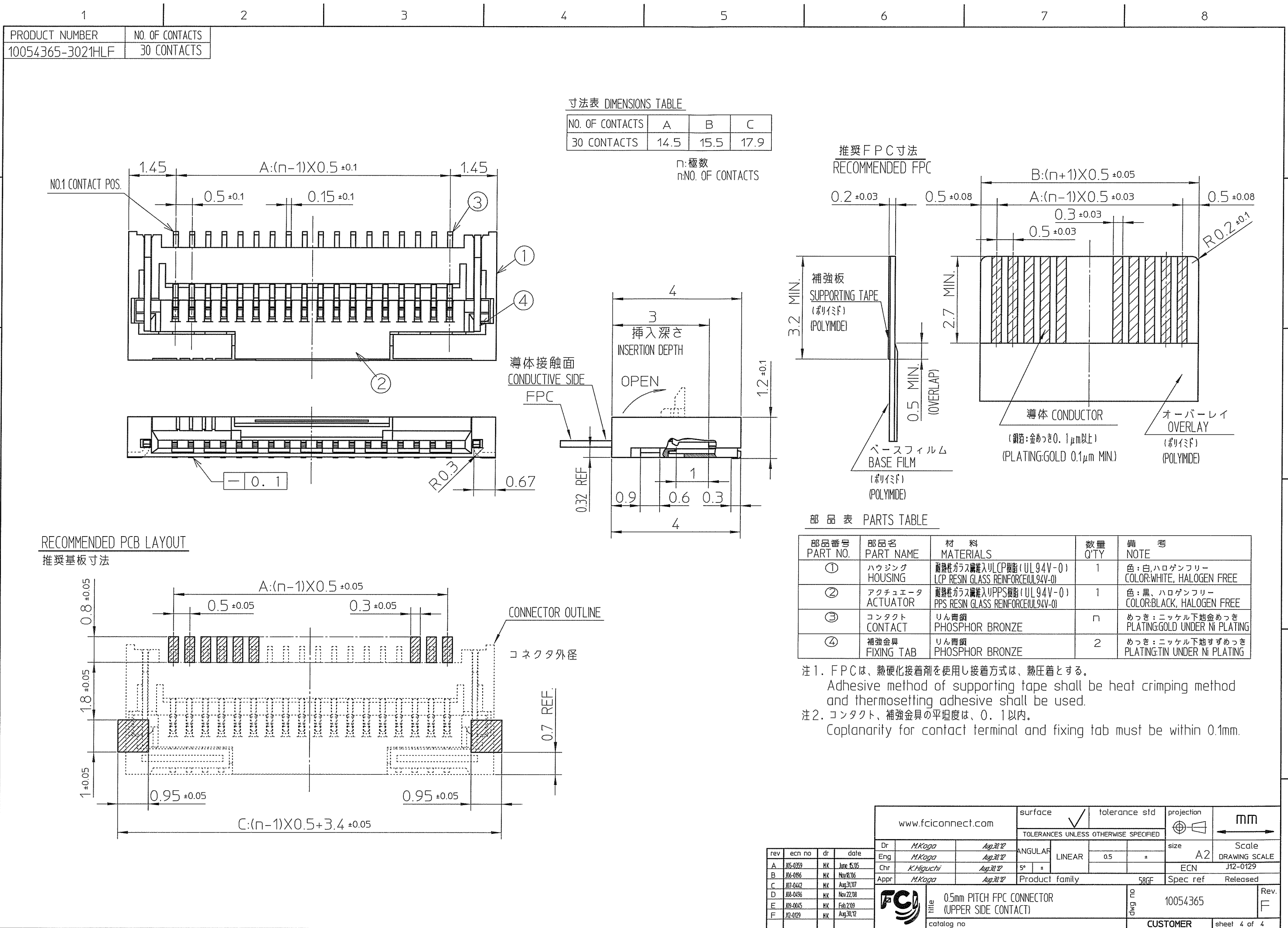
注1. FPCは、熱硬化接着剤を使用し接着方式は、熱圧着とする。
Adhesive method of supporting tape shall be heat crimping method and thermosetting adhesive shall be used.

注2. コンタクト、補強金具の平坦度は、0.1以内。
Coplanarity for contact terminal and fixing tab must be within 0.1mm.

rev	ecn no	dr	date
A	J05-0359	HK	June 15, '05
B	J06-0196	HK	May 18, '06
C	J07-0442	HK	Aug 31, '07
D	J08-0496	HK	Nov 22, '08
E	J09-0045	HK	Feb 2, '09
F	J12-0129	HK	Aug 30, '12

www.fciconnect.com			surface ☒	tolerance std	projection	mm	
			TOLERANCES UNLESS OTHERWISE SPECIFIED				
Dr	M.Koga	Aug 30 '12	ANGULAR	LINEAR	size	A2	Scale
Eng	M.Koga	Aug 30 '12	5°	*	0.5	*	DRAWING SCALE
Chr	K.Higuchi	Aug 30 '12	Product family		58GF	ECN	J12-0129
Appr	M.Koga	Aug 30 '12				Spec ref	Released
			0.5mm PITCH FPC CONNECTOR (UPPER SIDE CONTACT)			10054365	Rev. F
			catalog no			CUSTOMER	sheet 2 of 4

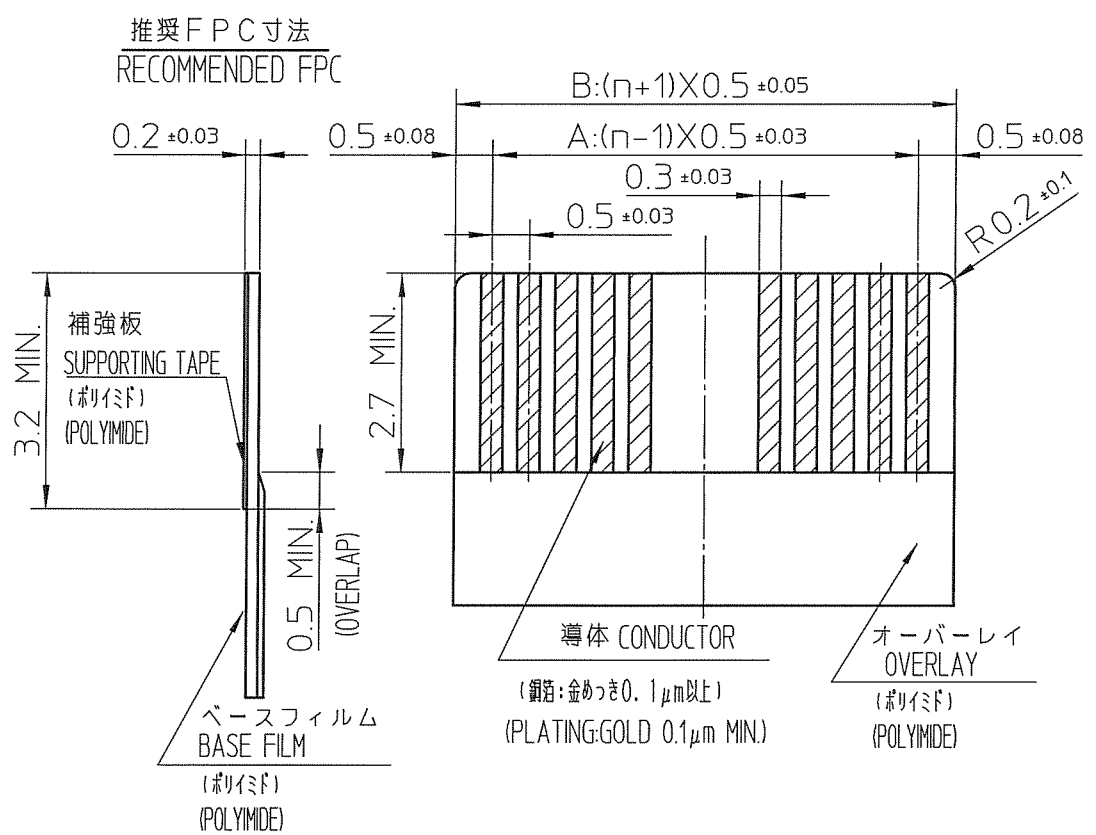




寸法表 DIMENSIONS TABLE

NO. OF CONTACTS	A	B	C
30 CONTACTS	14.5	15.5	17.9

n:極数
n: NO. OF CONTACTS



部品表 PARTS TABLE

部品番号 PART NO.	部品名 PART NAME	材 料 MATERIALS	数量 Q'TY	備 考 NOTE
①	ハウジング HOUSING	耐熱性ガラス繊維入りLCP樹脂 (UL94V-0) LCP RESIN GLASS REINFORCE(UL94V-0)	1	色:白,ハロゲンフリー COLOR:WHITE, HALOGEN FREE
②	アクチュエータ ACTUATOR	耐熱性ガラス繊維入りPPS樹脂 (UL94V-0) PPS RESIN GLASS REINFORCE(UL94V-0)	1	色:黒,ハロゲンフリー COLOR:BLACK, HALOGEN FREE
③	コンタクト CONTACT	りん青銅 PHOSPHOR BRONZE	n	めっき:ニッケル下地金めっき PLATING:GOLD UNDER Ni PLATING
④	補強金具 FIXING TAB	りん青銅 PHOSPHOR BRONZE	2	めっき:ニッケル下地金めっき PLATING:TIN UNDER Ni PLATING

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Adhesive method of supporting tape shall be heat crimping method and thermosetting adhesive shall be used.

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Coplanarity for contact terminal and fixing tab must be within 0.1mm.

www.fcconnect.com				surface	tolerance std	projection	mm		
				✓		⊕			
				TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	M.Kaga	Aug.30.12	ANGULAR	LINEAR	0.5	*	size	A2	
Eng	M.Kaga	Aug.30.12	5°	*			ECN	J12-0129	
Chr	K.Higuchi	Aug.30.12	Product family				59GF	Spec ref	
Appr	M.Kaga	Aug.30.12					Released		
FCI				title				0.5mm PITCH FPC CONNECTOR (UPPER SIDE CONTACT)	
				catalog no				10054365	
				CUSTOMER				sheet 4 of 4	

Rev. F

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