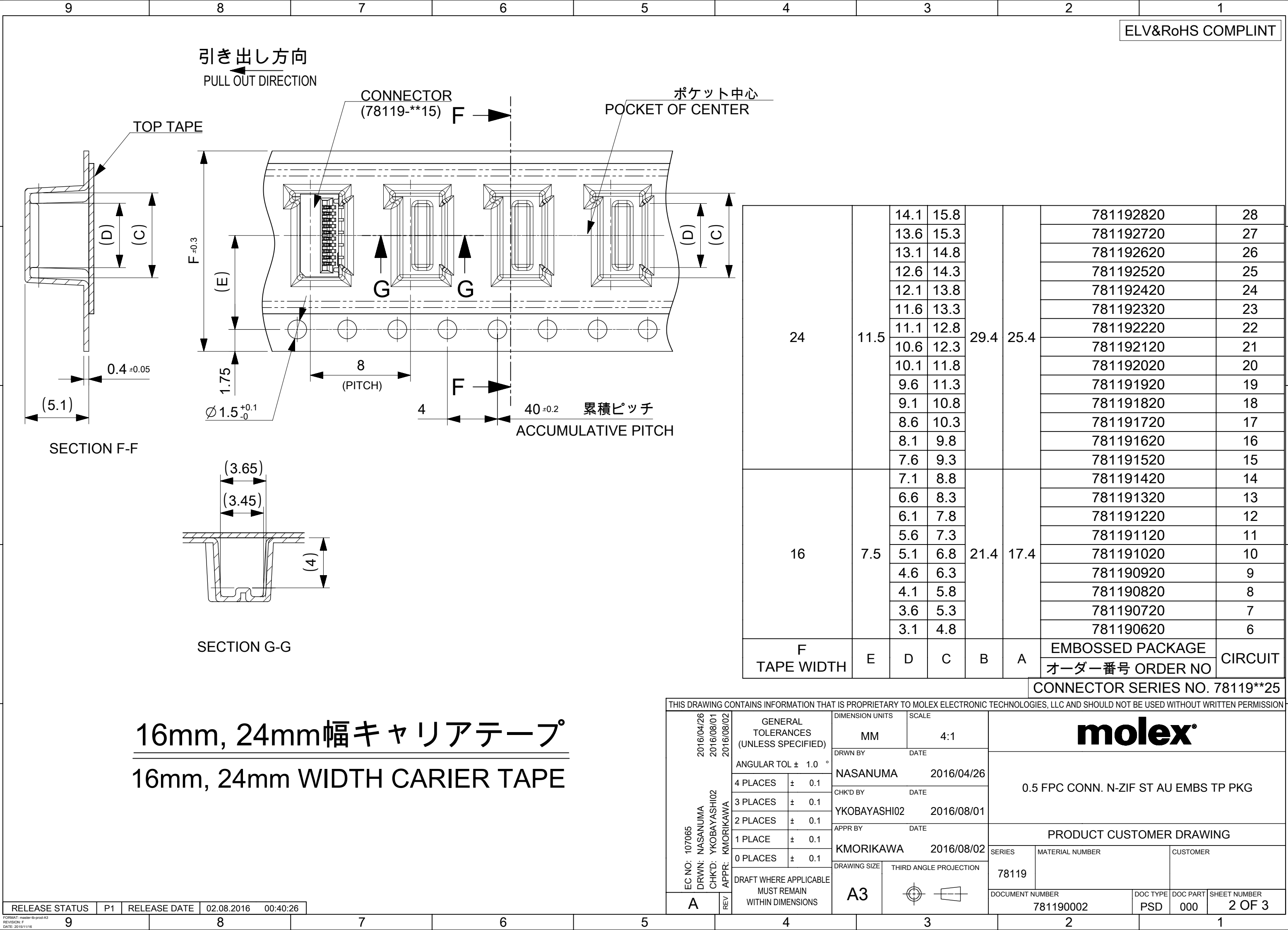
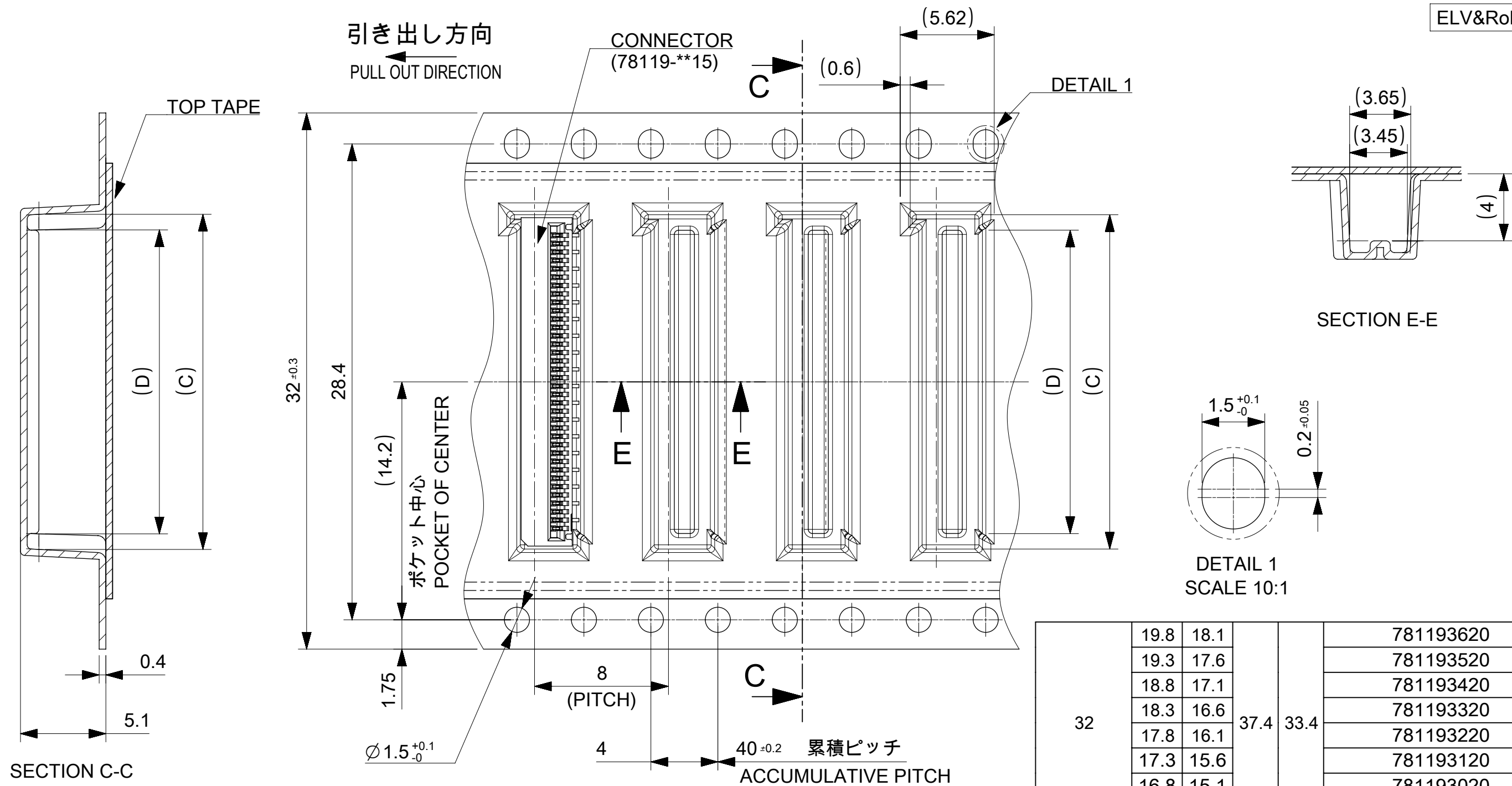


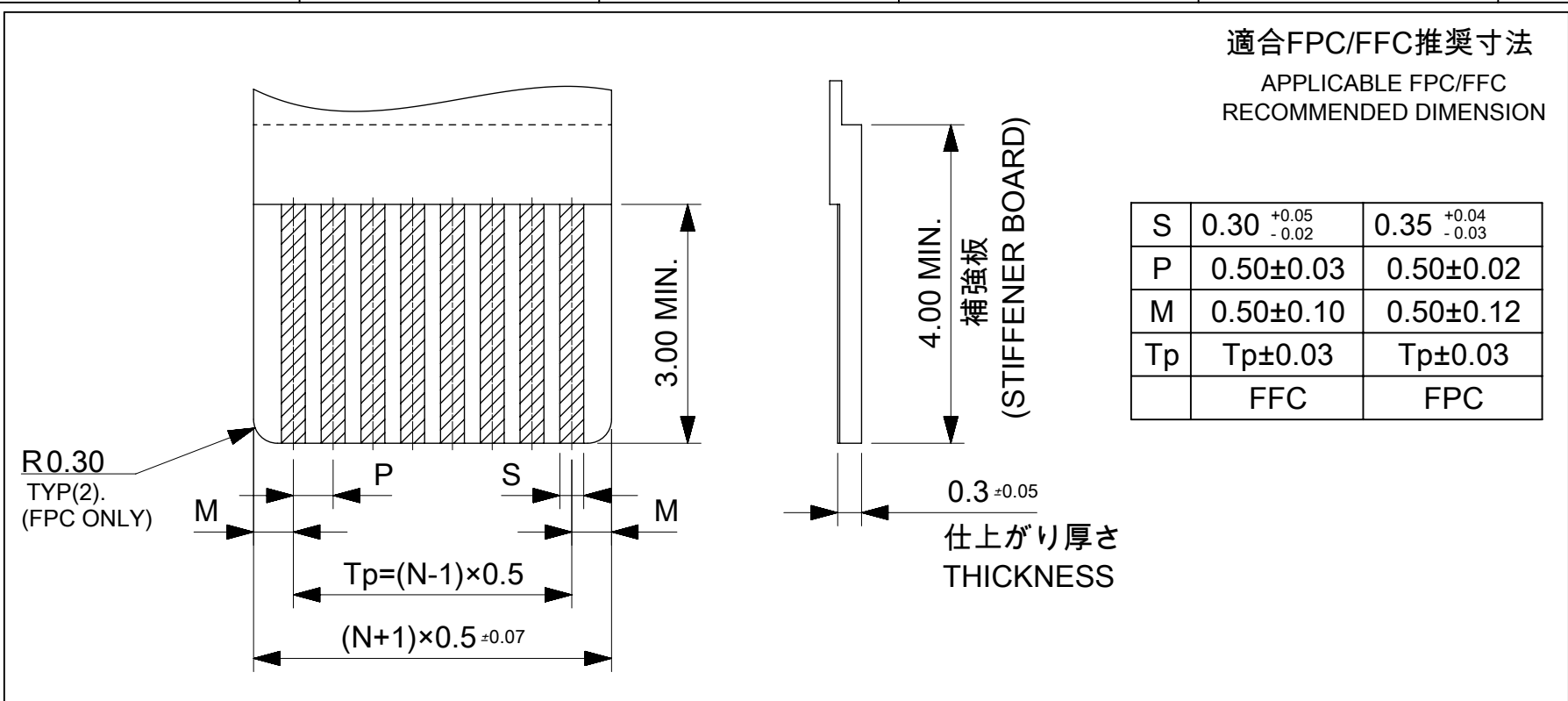


ELV&RoHS COMPLINT



32mm幅キャリアテープ
32mm WIDTH CARRIER TAPE

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
EC NO: 107065 DRWN: NASANUMA CHK'D: YKOBAYASHI02 APPR: KMORIKAWA	2016/04/26	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex®									
	2016/08/01			MM		4:1											
	2016/08/02	ANGULAR TOL ± 1.0 °		DRWN BY		DATE		0.5 FPC CONN. N-ZIF ST AU EMBS TP PKG									
	4 PLACES ± 0.1	NASANUMA		2016/04/26													
	3 PLACES ± 0.1	CHK'D BY		DATE													
	2 PLACES ± 0.1	YKOBAYASHI02		2016/08/01													
	1 PLACE ± 0.1	APPR BY		DATE													
	0 PLACES ± 0.1	KMORIKAWA		2016/08/02													
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3		DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER		CUSTOMER					
								78119									
A	REV																
								DOCUMENT NUMBER				DOC TYPE		DOC PART		SHEET NUMBER	
								781190002				PSD		000		3 OF 3	



FPC/FFCについて
打抜き方向は導体側から補強版側を推奨します。
導体部については軟箔銅35μmまたは、50μmを推奨いたします。
接着剤の接点部への付着は導通不良の原因になりますので、染み出し無きことを推奨いたします。
FPC/FFCに規定された定格温度が、FPC/FFC単体前提である場合が御座います。
コネクタと組み合わせての実使用において、接着層が劣化する等の信頼性を満足できないケースを回避する為、
実機での評価 / 確認をお願い致します。

ABOUT FPC/FFC
RECOMMENDED PUNCHING DIRECTION:FROM CONDUCTOR SIDE TO STIFFENER SIDE.
RECOMMENDED CONDUCTOR SPEC:SOFT COPPER FOIL.
RECOMMENDED CONDUCTOR THICKNESS:35 MICROMETER OR 50 MICROMETER.
RECOMMENDED PUT APPROPRIATE AMOUNT OF ADHESIVE ON ADHEREND BECAUSE THERE IS
A POSSIBILITY THAT EXTRA ADHESIVE CAUSES THE DEFECT IN ELECTRICAL CONTINUITY.
THE HEAT RESISTANCE OF FPC/FFC IS ONLY FPC/FFC SPEC.
TO PREVENT THE CASE THAT RELIABILITY CANNOT BE SATISFIED (THE ADHESIVE IS
DETERIORATED etc,)PLEASE DO THE EVALUATION AND THE CONFIRMATION
WITH ACTUAL CONNECTOR.

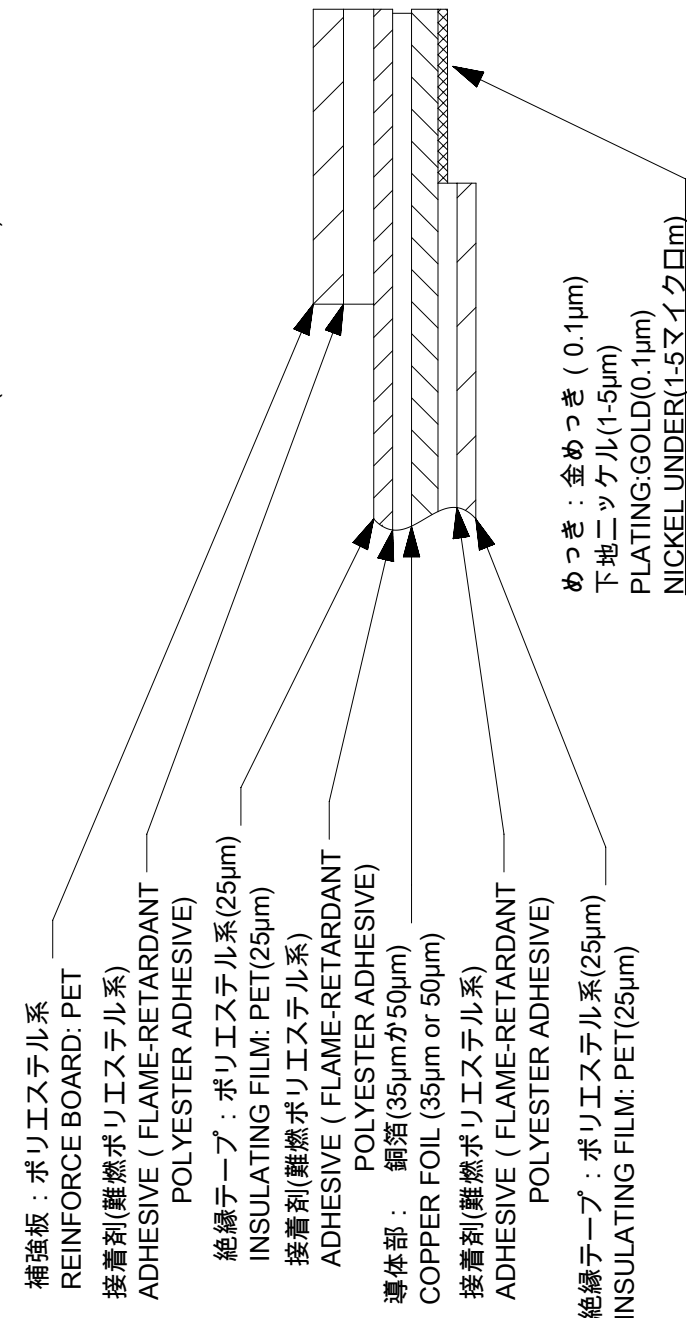
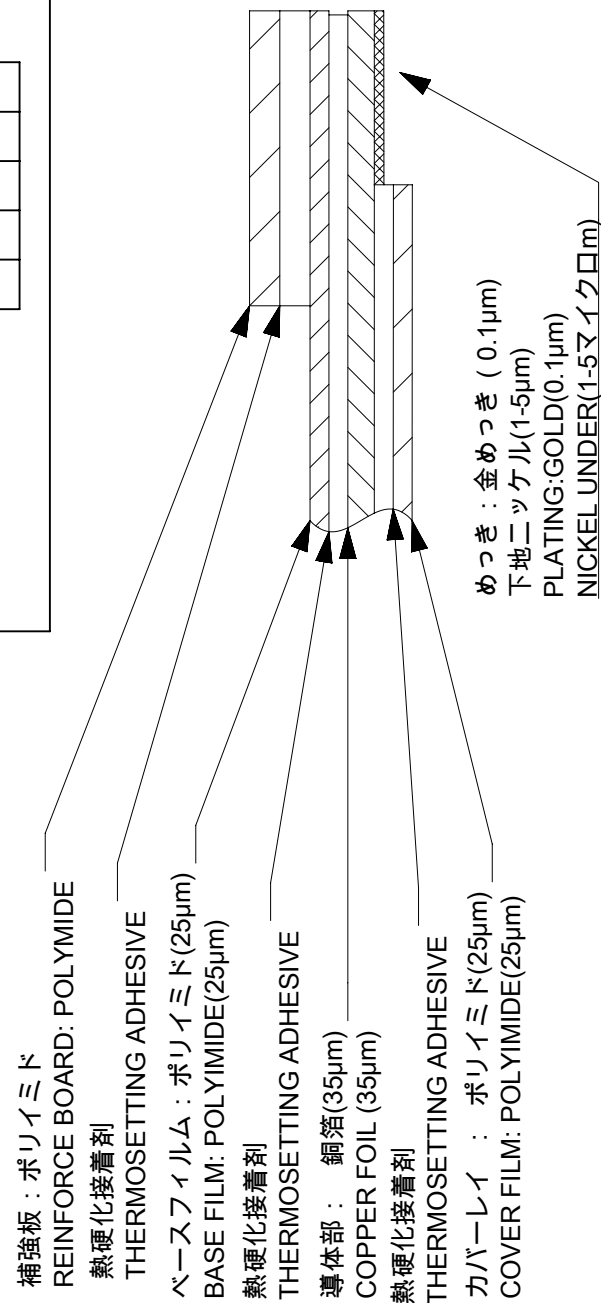
FPCについて
補強フィルム材は、ポリイミドを推奨します。ベースフィルムは25μmを推奨します。
接着剤は熱硬化接着剤を推奨します。

ABOUT FPC
RECOMMENDED STIFFENER MATERIAL:POLYIMIDE.
RECOMMENDED BASE FILM THICKNESS:25 MICROMETER.
RECOMMENDED ADHESIVE:THERMOSETTING ADHESIVE.

RELEASE STATUS	P1	RELEASE DATE	02.08.2016	00:40:30
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RMAT: master-tb-prod-A3
VISION: F
TE: 2015/11/16

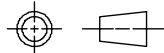
適合FPC/FFC推奨寸法		
APPLICABLE FPC/FFC RECOMMENDED DIMENSION		
S	0.30 ^{+0.05} _{-0.02}	0.35 ^{+0.04} _{-0.03}
P	0.50±0.03	0.50±0.02
M	0.50±0.10	0.50±0.12
Tp	Tp±0.03	Tp±0.03
	FFC	FPC



FPC構成推奨仕様

STRUCTURE OF FPC

FFC構成推奨仕様
STRUCTURE OF FFC

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EC NO: 107065 DRWN: NASANUMA CHK'D: YKOBAYASHI02 APPR: KMORIKAWA	2016/02/17 2016/08/01 2016/08/02	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex®					
				MM		12:1							
		ANGULAR TOL ± 1.0 °		DRWN BY		DATE		0.5 PITCH NON-ZIF CONN. SMT AU ST ASSY					
				NASANUMA		2016/02/17							
		4 PLACES ± 0.1		CHK'D BY		DATE							
		3 PLACES ± 0.1		YKOBAYASHI02		2016/08/01							
		2 PLACES ± 0.1		APPR BY		DATE		PRODUCT CUSTOMER DRAWING					
		1 PLACE ± 0.1		KMORIKAWA		2016/08/02							
		0 PLACES ± 0.1		DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER		CUSTOMER	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		A3				78119					
DOCUMENT NUMBER													
A	REV					781191002		DOC TYPE		SHEET NUMBER			
								PSD		2 OF 3			

RMAT: master-tb-prod-A3
VISION: F
TE: 2015/11/16

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ELV & RoHS COMPLIANT

17	17	18.6	17.5	19.6	781193620	36
16	17	18.1	17	19.1	781193520	35
16	16	17.6	16.5	18.6	781193420	34
15	16	17.1	16	18.1	781193320	33
15	15	16.6	15.5	17.6	781193220	32
14	15	16.1	15	17.1	781193120	31
14	14	15.6	14.5	16.6	781193020	30
13	14	15.1	14	16.1	781192920	29
13	13	14.6	13.5	15.6	781192820	28
12	13	14.1	13	15.1	781192720	27
12	12	13.6	12.5	14.6	781192620	26
11	12	13.1	12	14.1	781192520	25
11	11	12.6	11.5	13.6	781192420	24
10	11	12.1	11	13.1	781192320	23
10	10	11.6	10.5	12.6	781192220	22
9	10	11.1	10	12.1	781192120	21
9	9	10.6	9.5	11.6	781192020	20
8	9	10.1	9	11.1	781191920	19
8	8	9.6	8.5	10.6	781191820	18
7	8	9.1	8	10.1	781191720	17
7	7	8.6	7.5	9.6	781191620	16
6	7	8.1	7	9.1	781191520	15
6	6	7.6	6.5	8.6	781191420	14
5	6	7.1	6	8.1	781191320	13
5	5	6.6	5.5	7.6	781191220	12
4	5	6.1	5	7.1	781191120	11
4	4	5.6	4.5	6.6	781191020	10
3	4	5.1	4	6.1	781190920	9
3	3	4.6	3.5	5.6	781190820	8
2	3	4.1	3	5.1	781190720	7
2	2	3.6	2.5	4.6	781190620	6
E	D	C	B	A	EMBOSSED PACKAGE オーダー番号 ORDER NO.	CIRCUIT

1st ckt tail

4.0 ±0.1

1.6 ±0.1

1.6 ±0.1

0.4 ±0.05

0.5 ±0.05

B ±0.05

参考マスク厚:100μm
参考開口率:100%
REFERENCE SCREEN THICKNESS:100
REFERENCE SCREEN OPEN RATIO:100%

推奨基板レイアウト
RECOMMENDED PCB LAYOUT

CONNECTOR SERIES NO. 78119**25

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2016/02/17
2016/08/01
2016/08/02

EC NO: 107065
DRWN: NASANUMA
CHK'D: YKOBAYASHI02
APPR: KMORIKAWA

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 1.0 °

4 PLACES ± 0.1

3 PLACES ± 0.1

2 PLACES ± 0.1

1 PLACE ± 0.1

0 PLACES ± 0.1

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION UNITS

MM

SCALE

12:1

DRWN BY

NASANUMA

DATE

2016/02/17

CHK'D BY

YKOBAYASHI02

DATE

2016/08/01

APPR BY

KMORIKAWA

DATE

2016/08/02

DRAWING SIZE

A3

THIRD ANGLE PROJECTION

0.5 PITCH NON-ZIF CONN. SMT AU ST ASSY

PRODUCT CUSTOMER DRAWING

SERIES

78119

MATERIAL NUMBER

CUSTOMER

DOCUMENT NUMBER

781191002

DOC TYPE

PSD

DOC PART

000

SHEET NUMBER

3 OF 3

RELEASE STATUS

P1

RELEASE DATE

02.08.2016

00:40:30

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4

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