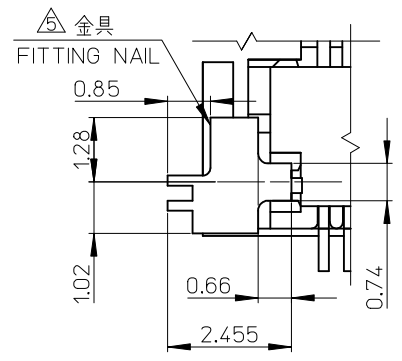
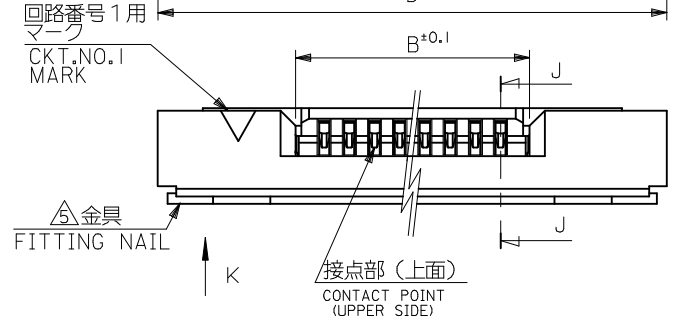
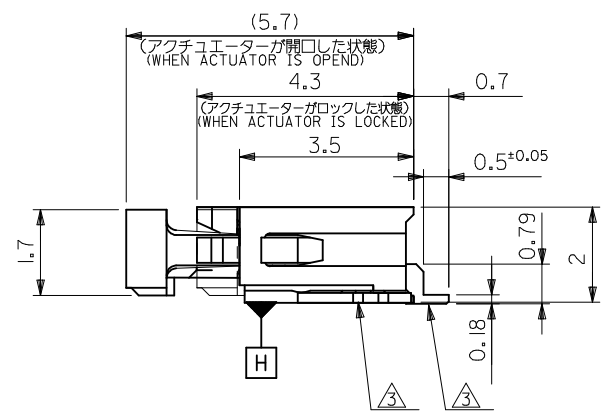
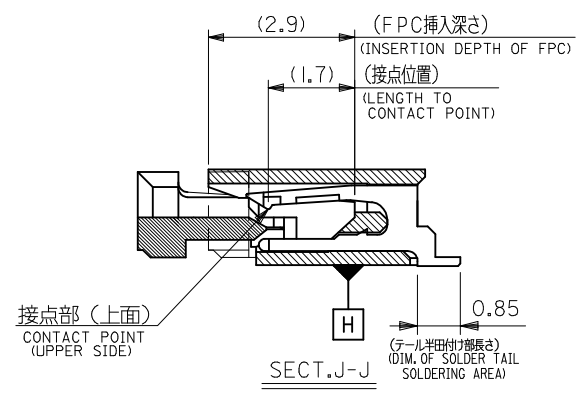
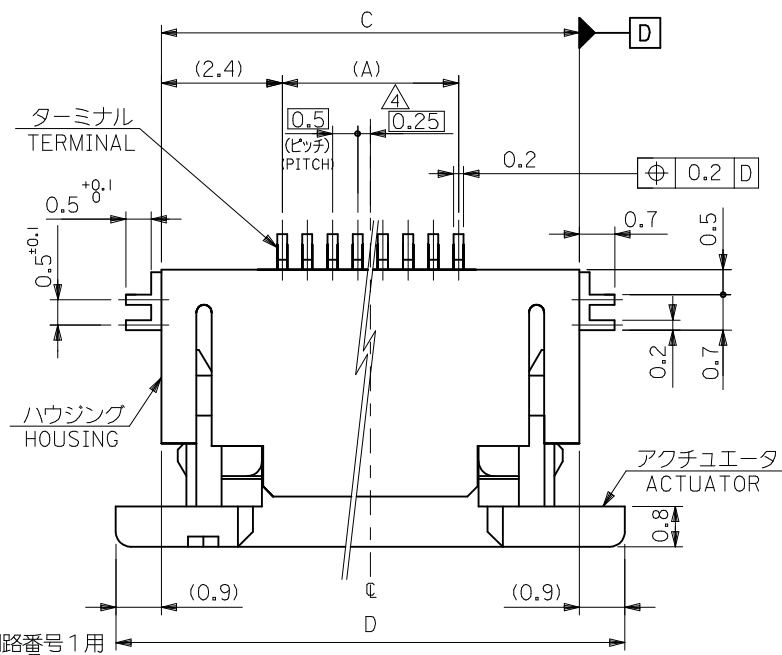




VIEW K
(金具部投影図)
(DETAIL OF FITTING NAIL)

16.1	14.3	10.65	9.5	52745-2090	20
15.6	13.8	10.15	9	52745-1990	19
14.1	12.3	8.65	7.5	52745-1690	16
13.6	11.8	8.15	7	52745-1590	15
12.6	10.8	7.15	6	52745-1390	13
11.6	9.8	6.15	5	52745-1190	11
11.1	9.3	5.65	4.5	52745-1090	10
10.6	8.8	5.15	4	52745-0990	9
10.1	8.3	4.65	3.5	52745-0890	8
9.6	7.8	4.15	3	52745-0790	7
9.1	7.3	3.65	2.5	52745-0690	6
8.1	6.3	2.65	1.5	52745-0490	4
D	C	B	(A)	EMBOSSED PACKAGE ORDER No. オーダー番号	極数 CKT.

CONNECTOR SERIES NO. : 52745-**17

REVISED EC NO: J2016-0389 DRWN: TMORISHITA 2015/10/20 CHKD: KTAHASHI 2015/10/20 APPR: YNOGAWA 2015/11/13	DESCRIPTION K	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		0.25 UNDER UNDER ±0.03	DRAWN BY SAIHARA	DATE 1994/03/24	TITLE 0.5 FPC CONN. ZIF FOR SMT R/A (UPPER CONTACT) TIN-LEAD PLATING molex DOCUMENT NO. SD-52745-054 SHEET NO. 1 OF 2				
		0.25 OVER 0.5 UNDER ±0.05	CHECKED BY SKUNISHI	DATE 2000/06/30					
		0.5 OVER 1.0 UNDER ±0.1	APPROVED BY KMORIKAWA	DATE 2010/07/16					
		1.0 OVER 10 UNDER ±0.2	MATERIAL NO.	SEE CHART					
10 OVER 30 UNDER ±0.25	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
30 OVER ±0.3	ANGULAR ±3 °								

注記NOTES

1. 使用材料

MATERIAL

ハウジング：46ナイロン、ガラス充填、UL94V-0、白
HOUSING:PA46, GLASS FILLED, UL94V-0, WHITE
アクチュエータ：ポリフェニレンサルファイド (PPS)、ガラス充填、UL94V-0、黒
ACTUATOR: POLYPHENYLENE SULFIDE, GLASS FILLED, UL94V-0, BLACK
ターミナル：リン青銅、銅下地半田めっき (t=0.2)
TERMINAL: PHOSPHOR BRONZE, TIN-LEAD OVER COPPER PLATING
金具：リン青銅、銅下地半田めっき (t=0.2)
FITTING NAIL: PHOSPHOR BRONZE, TIN-LEAD OVER COPPER PLATING

2. エンボステープ梱包時は、アクチュエータがロックした状態になります。

IN THE PACKAGE, ACTUATOR OF PART NO.52745-***17 SHOULD BE LOCKED.

△3 ソルダータール半田付け面のズレ量、及び金具半田付け面のズレ量は、基準面Hに対して上方向に0.1MAXIMUM、下方向0.15MAXIMUMとする。

MISALIGNMENT OF SOLDER TAILS AND FITTING NAILS FROM DATUM-H.

UPPER DIRECTION: 0.1 MAXIMUM

LOWER DIRECTION: 0.15 MAXIMUM

△4 偶数極に適用

APPLY FOR EVEN CIRCUIT.

△5 ハ' ターン剥離止め金具

FITTING NAIL FOR PREVENTION OF PEELING OF P.W.B. PATTERN.

△6 R0.3は、FPCの胴体部にかからないこと R0.3 MUST NOT BE OVERLAPED TO PATTERN OF FPC.

FPCについて：

打抜き方向は導体側から補強板を推奨致します。
補強フィルム材質はポリイミドを推奨致します。
接着剤は熱硬化接着剤を推奨致します。

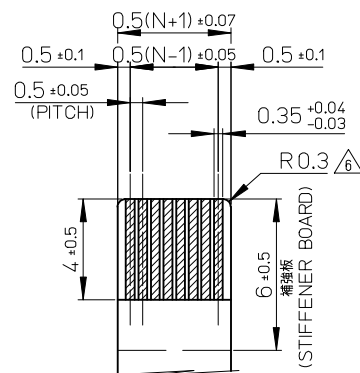
ABOUT FPC:

RECOMMENDED PUNCHER DIRECTION : FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.

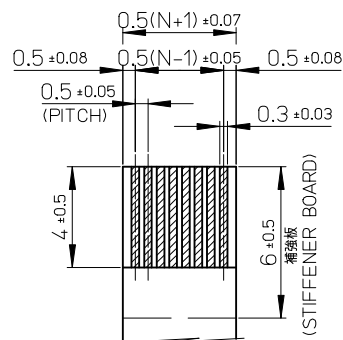
RECOMMENDED MATERIAL :

STIFFENER FILM : POLYIMIDE

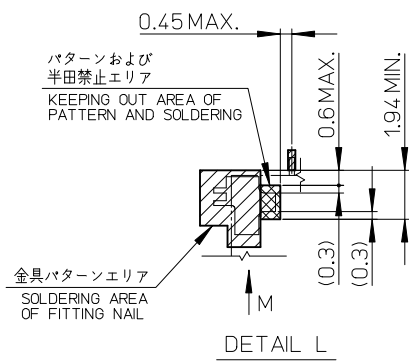
BONDING AGENT : THERMOSETTING BONDING AGENT



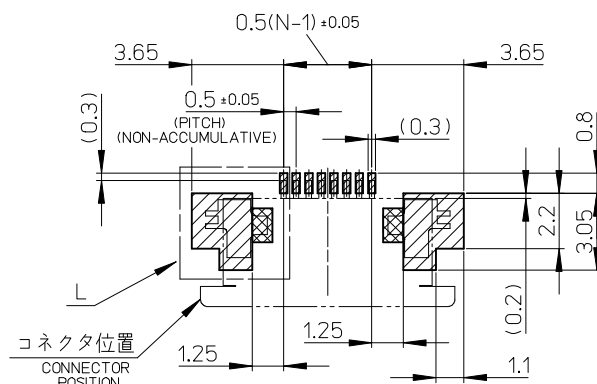
適合金めっきFPC推奨寸法
APPLICABLE FPC OF GOLD
PLATING RECOMMENDED DIMENSION
仕上がり厚さ：0.3±0.03
THICKNESS: 0.3+0.03/-0.03



適合金めっきFFC推奨寸法
APPLICABLE FFC OF GOLD
PLATING RECOMMENDED DIMENSION
仕上がり厚さ：0.3±0.03
THICKNESS: 0.3+0.03/-0.03

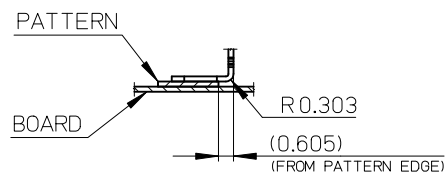


DETAIL L



参考基板レイアウト
(マウント面)

RECOMMENDED P.C. BOARD
PATTERN DIMENSION (REF.)
(MOUNTING SIDE)



VIEW M
(DETAIL OF FITTING NAIL
ON PATTERN)

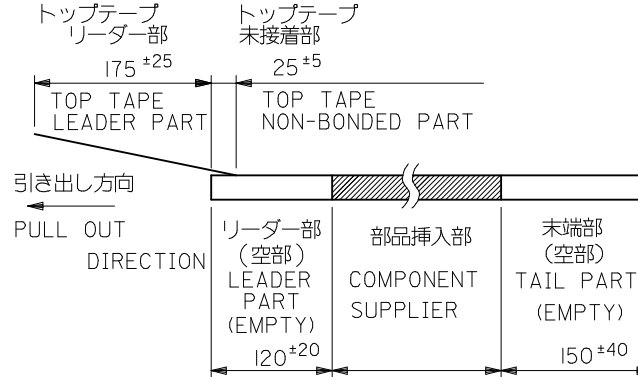
REVISED EC NO: J2016-0389 DRAWN: MORISHI TA CHKD: KATAKASHI APPR: YNOGAWA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		0.25 UNDER	UNDER	+0.03	DRAWN BY	DATE	TITLE 0.5 FPC CONN. ZIF FOR SMT R/A (UPPER CONTACT) TIN-LEAD PLATING				
		0.25 OVER	0.5 UNDER	+0.05	SAIHARA	1994/03/24					
		0.5 OVER	1.0 UNDER	+0.1	CHECKED BY	DATE					
		1.0 OVER	10 UNDER	± 0.2	SKUNISHI	2000/06/30					
		10 OVER	30 UNDER	± 0.25	APPROVED BY	DATE	DOCUMENT NO. molex				
		30 OVER		± 0.3	KMORIKAWA	2010/07/16					
		ANGULAR ±3 °			MATERIAL NO.		SHEET NO. 2 OF 2				
		SEE SHEET 1									
		SD-52745-054									
K	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

注記 NOTES

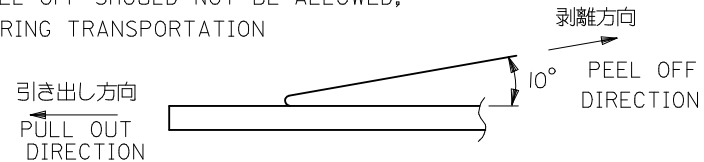
1. 製品番号 52745-**17 の梱包状態はアクチュエータがロックした状態とする。
詳細寸法については図面 SD-52745-054 を参照下さい。
IN THE PACKAGE,ACTUATOR OF PART NO.52745-**17 SHOULD BE LOCKED
RE DETAILED DIMENSIONS,SEE SD-52745-054

2. 梱包数量：1000個／リール
NUMBER OF CONNECTORS:1000PCS/REEL

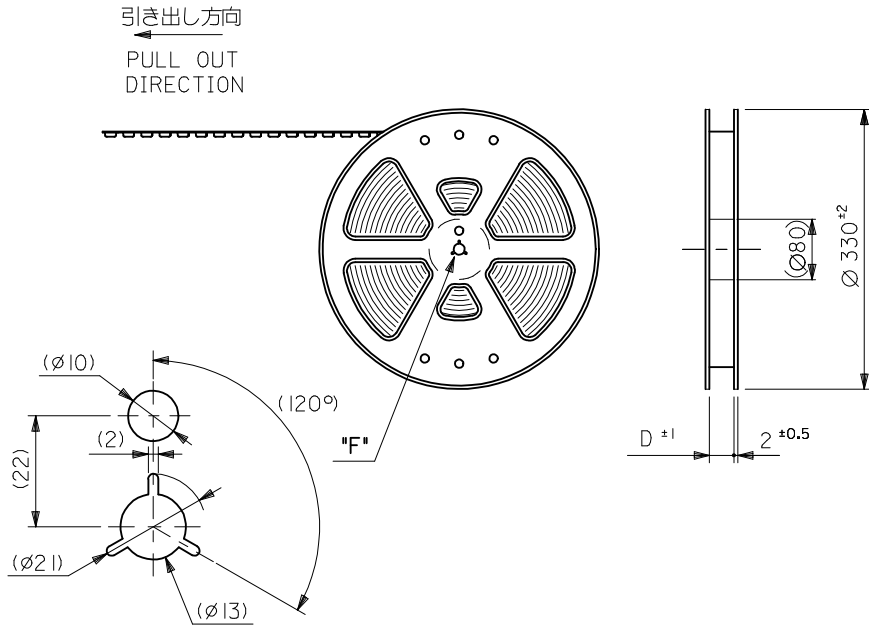
3. リードテープ長さ LEAD TAPE LENGTH



4. トップテープの剥離強度：(剥離方向は下図参照)
0.1N～0.7N (10.2gf～71.4gf) 尚、本規格値は、出荷時に適用。
(但し、輸送時に剥離が発生しない事。)
PEELING OFF FORCE OF TOP TAPE
0.1N～0.7N(10.2gf～71.4gf)(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT
PEEL OFF SHOULD NOT BE ALLOWED,
DURING TRANSPORTATION



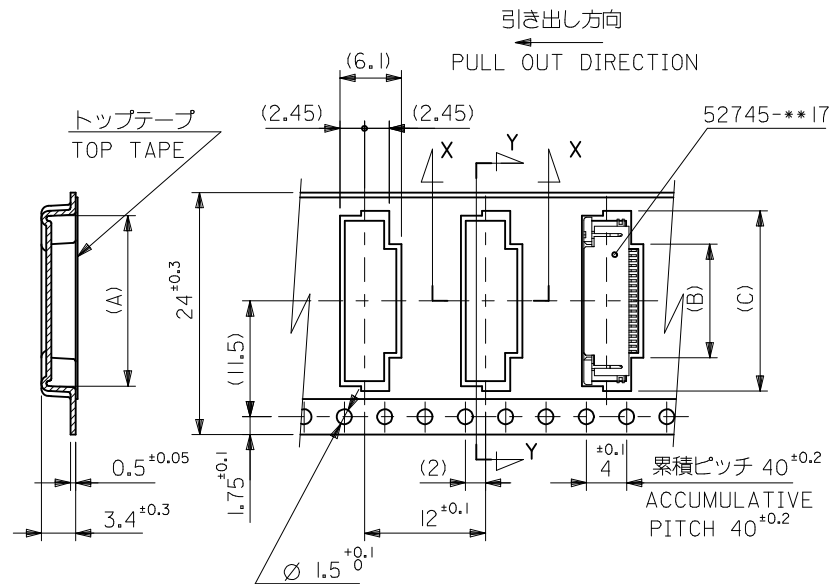
REVISED	EC NO.: J2016-0389 DRWN: MORISHITA CHKD: KATAHASHI APPR: YNOGAWA	2015/10/20 2015/10/20 2015/11/13	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				0.25 UNDER	UNDER	±0.03	DRAWN BY	DATE	TITLE	0.5 FPC CONN ZIF SMT RA UPPER CONTACT EMBSTP PKG (1/3)		
				0.25 OVER	0.5 UNDER	±0.05					CHECKED BY	DATE
				0.5 OVER	1.0 UNDER	±0.1	KTAKAHASHI	2013/07/30				
				1.0 OVER	10 UNDER	±---			APPROVED BY	DATE		
				10 OVER	30 UNDER	±---	YNOGAWA	2013/11/07				
				30 OVER		±---			MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
				ANGULAR ±--- °			SEE SHEET 1					SD-52745-057
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
				REV								



DETAIL "F"

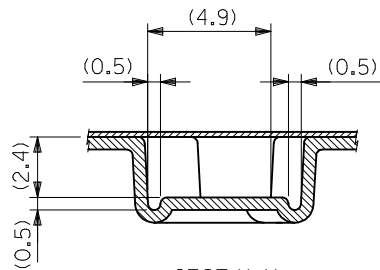
5. 材料
キャリアテープ：ポリプロピレン (PP)
トップテープ：PET, PE, PEF
リール：ポリスチレン (PS) <リサイクル材を含む>

MATERIAL CARRIER TAPE:POLYPROPYLENE
TOP TAPE:PET,PE,PEF
REEL:POLYSTYREN(PS)
<RECYCLE MATERIAL CONTAINED>



SECT.Y-Y

24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE



SECT.X-X

24	25.5	17.4	10.8	16.4	52745-2090	20
		16.9	10.3	15.9	-1990	19
		15.4	8.8	14.4	-1690	16
		14.9	8.3	13.9	-1590	15
		13.9	7.3	12.9	-1390	13
		12.9	6.3	11.9	-1190	11
		12.4	5.8	11.4	-1090	10
		11.9	5.3	10.9	-0990	9
		11.4	4.8	10.4	-0890	8
		10.9	4.3	9.9	-0790	7
		10.4	3.8	9.4	52745-0690	6
キャリアテープ幅 CARRIER TAPE IDTH	D	(C)	(B)	(A)	ENG. NO.	極数 CIRCUIT

REVISED	EC NO: J2016-0389 DRWN: MORISHITA 2015/10/20 CHKD: KATAHASHI 2015/10/20 APPR: YNOGAWA 2015/11/13	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			0.25 UNDER UNDER ±0.03			DRAWN BY DATE		TITLE 0.5 FPC CONN ZIF SMT RA UPPER CONTACT EMBSTP PKG (2/3)				
			0.25 OVER 0.5 UNDER ±0.05			MTAKAHASHI 04 2013/07/30						
			0.5 OVER 1.0 UNDER ±0.1			CHECKED BY DATE		DOCUMENT NO. SD-52745-057				
			1.0 OVER 10 UNDER ±---			KTAKAHASHI 2013/07/30						
			10 OVER 30 UNDER ±---			APPROVED BY DATE		SHEET NO. 2 OF 3				
			30 OVER UNDER ±---			YNOGAWA 2013/11/07						
			ANGULAR ±--- °			MATERIAL NO.						
			SEE CHART			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS												

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

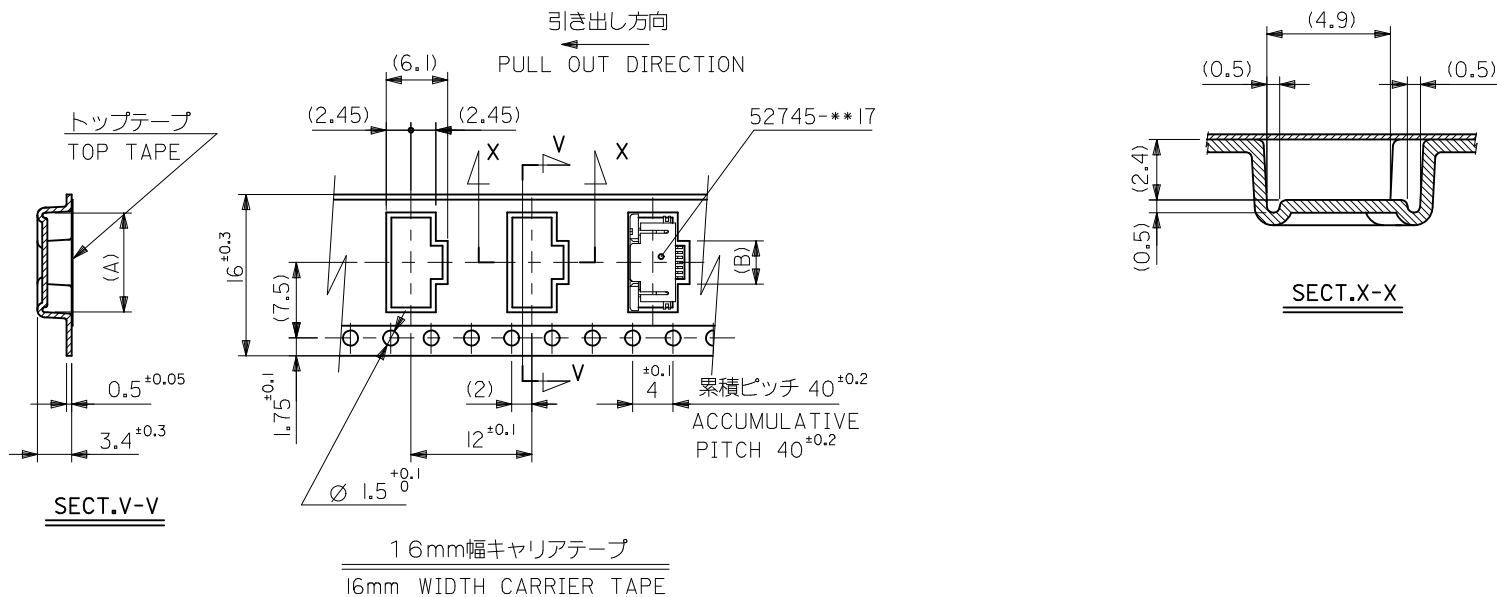
E

D

C

B

A



16	17.5	2.8	8.4	52745-0490	4
キャリアテープ幅 CARRIER TAPE WIDTH		D	(B)	(A)	極数 CIRCUIT

ENG. NO.

REVISED EC NO: J2016-0389 DRWN: TMORISHITA 2015/10/20 CHKD: KTAKAHASHI 2015/10/20 APPR: YNOGAWA 2015/11/13	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		0.25 UNDER	UNDER	± 0.03	DRAWN BY	DATE	TITLE 0.5 FPC CONN ZIF SMT RA UPPER CONTACT EMBSTP PKG (3/3)				
		0.25 OVER	0.5 UNDER	± 0.05	MTAKAHASHI	2013/07/30					
		0.5 OVER	1.0 UNDER	± 0.1	CHECKED BY	DATE	molex				
		1.0 OVER	10 UNDER	± ---	KTAKAHASHI	2013/07/30					
		10 OVER	30 UNDER	± ---	APPROVED BY	DATE	DOCUMENT NO. SD-52745-057				
		30 OVER		± ---	YNOGAWA	2013/11/07					
		ANGULAR			± --- °	MATERIAL NO.		SHEET NO. 3 OF 3			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART							
	REV				SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

9 8 7 6 5 4 3 2 1