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Stocking Distributor

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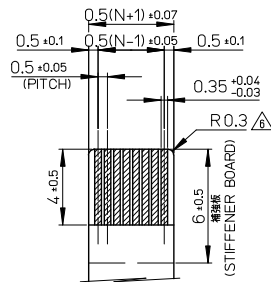
[Molex Connector Corporation](#)
[52745-0890](#)

For any questions, you can email us directly:

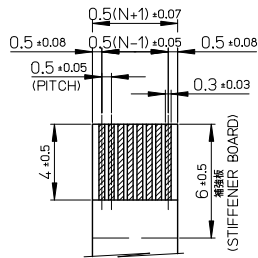
sales@integrated-circuit.com

tb_frame_A3_J_ME_S
Rev H 2014/11/25

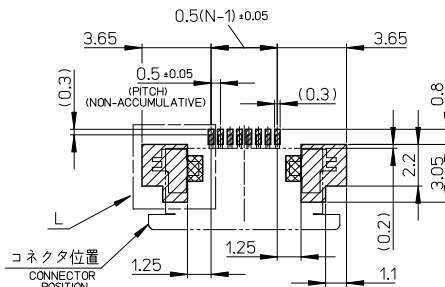
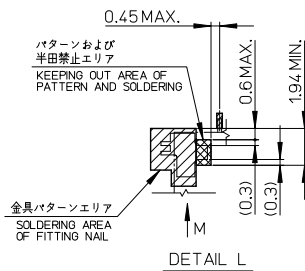
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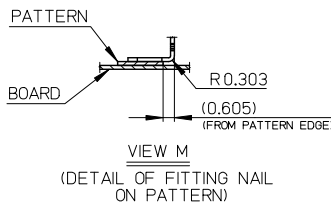
適合金めっきFPC推奨寸法
APPLICABLE FPC OF GOLD
PLATING RECOMMENDED DIMENSION
仕上がり厚さ: 0.3±0.03
THICKNESS: 0.3±0.03/-0.03



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



参考基板レイアウト
(マウント面)
RECOMMENDED P.C. BOARD
PATTERN DIMENSION (REF.)
(MOUNTING SIDE)



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. エンボスステップ機能時は、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.52745-0890 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. パターン剥離止め金具

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

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

GENERAL TOLERANCES

(UNLESS SPECIFIED)

0.25 UNDER UNDER ±0.03

0.25 OVER 0.5 UNDER ±0.05

0.5 OVER 1.0 UNDER ±0.1

1.0 OVER 10 UNDER ±0.2

10 OVER 30 UNDER ±0.25

30 OVER ±0.3

ANGULAR ±3 °

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

SEE SHEET 1

SCALE
5:1

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

TITLE

0.5 FPC CONN. ZIF FOR
SMT R/A (UPPER CONTACT)
TIN-LEAD PLATING

DOCUMENT NO.

SD-52745-054

SHEET NO.

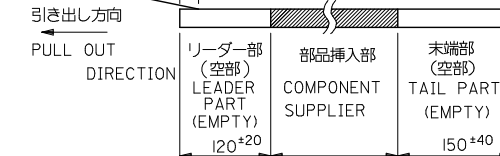
2 OF 2

注記 NOTES

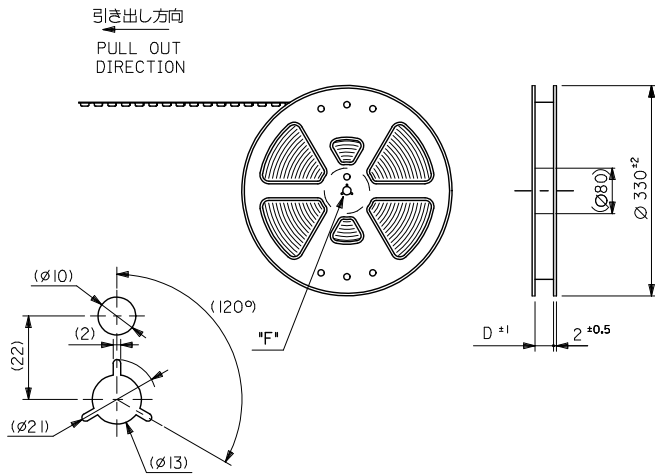
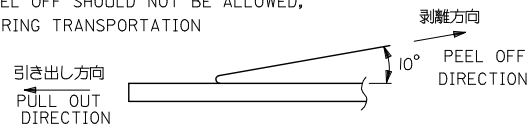
1. 製品番号 52745-**-17 の梱包状態はアクチュエータがロックした状態とする。
詳細寸法については図面 SD-52745-054 を参照下さい。
IN THE PACKAGE, ACTUATOR OF PART NO. 52745-**-17 SHOULD BE LOCKED
RE DETAILED DIMENSIONS, SEE SD-52745-054

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

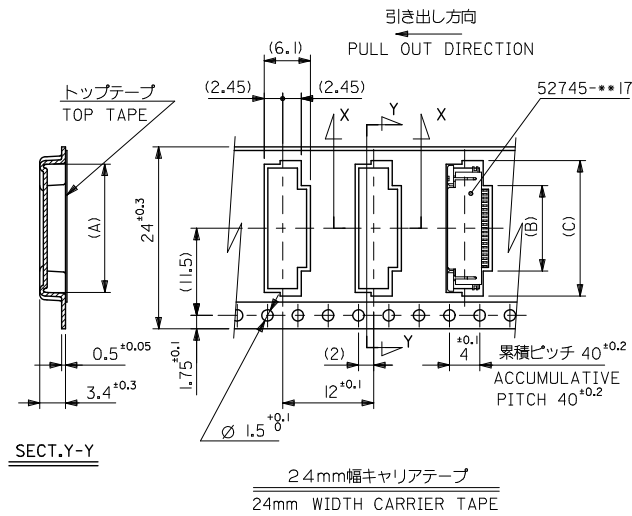


DETAIL "F"

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>

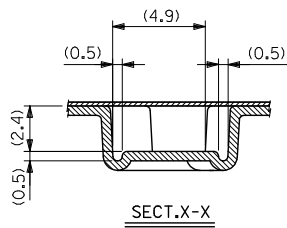
MATERIAL CARRIER TAPE: POLYPROPYLENE
TOP TAPE: PET, PE, PEF
REEL: POLYSTYRENE (PS)
<RECYCLE MATERIAL CONTAINED>

REVISED	EC NO: J2016-0389	2015/10/20	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION																					
	DRWN: MORI SHITA	2015/10/20	DESCRIPTION <table><tr><td>0.25 UNDER</td><td>UNDER</td><td>±0.03</td></tr><tr><td>0.25 OVER</td><td>0.5 UNDER</td><td>±0.05</td></tr><tr><td>0.5 OVER</td><td>1.0 UNDER</td><td>±0.1</td></tr><tr><td>1.0 OVER</td><td>4.0 UNDER</td><td>±---</td></tr><tr><td>10 OVER</td><td>30 UNDER</td><td>±---</td></tr><tr><td>30 OVER</td><td></td><td>±---</td></tr><tr><td>ANGULAR</td><td>±---</td><td>°</td></tr></table>	0.25 UNDER	UNDER	±0.03	0.25 OVER		0.5 UNDER	±0.05	0.5 OVER	1.0 UNDER	±0.1	1.0 OVER	4.0 UNDER	±---	10 OVER	30 UNDER	±---	30 OVER		±---	ANGULAR	±---	°	DRAWN BY	DATE	TITLE 0.5 FPC CONN ZIF SMT RA UPPER CONTACT EMBSTP PKG (1/3)	
	0.25 UNDER	UNDER		±0.03																									
	0.25 OVER	0.5 UNDER		±0.05																									
	0.5 OVER	1.0 UNDER		±0.1																									
	1.0 OVER	4.0 UNDER		±---																									
	10 OVER	30 UNDER		±---																									
	30 OVER			±---																									
	ANGULAR	±---		°																									
	CHKD: KAKAHASHI	2015/11/13		MTAKAHASHI	04 2013/07/30																								
APPR: YNOGAWA		CHECKED BY		DATE	DOCUMENT NO. SD-52745-057																								
		KTAKAHASHI	2013/07/30																										
		APPROVED BY	DATE	SHEET NO. 1 OF 3																									
		YNOGAWA	2013/11/07																										
		MATERIAL NO.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																									
		SEE SHEET 1																											
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3																									



SECT.Y-Y

24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE

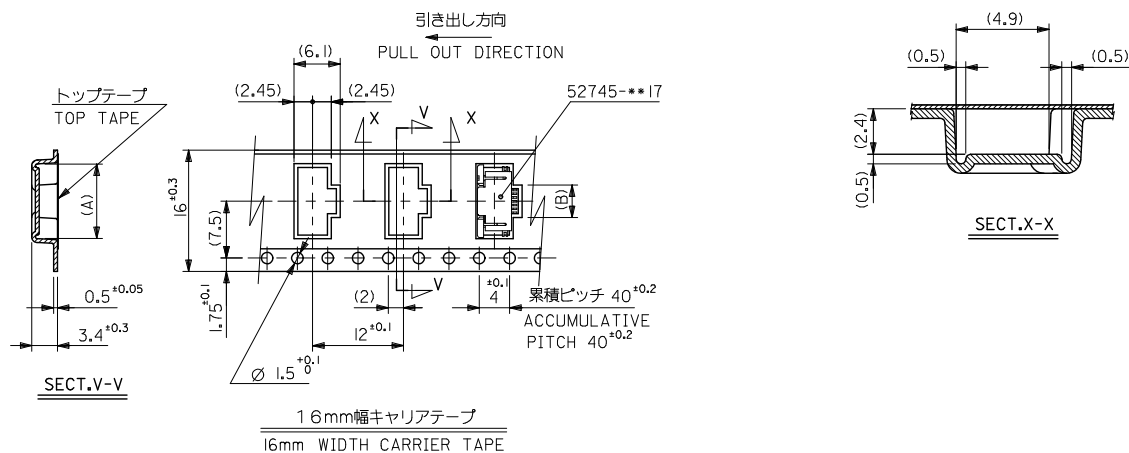


SECT.X-X

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
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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) molex		
0.25 OVER	0.5 UNDER	±0.05	MTAKAHASHI	04 2013/07/30			
0.5 OVER	4.0 UNDER	±0.1	CHECKED BY	DATE			
1.0 OVER	10 UNDER	±---	MTAKAHASHI	2013/07/30			
10 OVER	30 UNDER	±---	APPROVED BY	DATE	DOCUMENT NO. SD-52745-057		
30 OVER	ANGULAR	±---	YNOGAWA	2013/11/07			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		SHEET NO. 2 OF 3		



I6	17.5	2.8	8.4	52745-0490	4
キャリアテープ幅 CARRIER TAPE WIDTH	D	(B)	(A)	ENG. NO.	極数 CIRCLES
DIMENSION STYLE MM ONLY	SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
DRAWN BY DATE	TITLE				
AHASHI 04/2013/07/30	0.5 FPC CONN ZIF SMT RA UPPER CONTACT EMBSTP PKG (3/3)				
CHECKED BY DATE	molex				
AHASHI 2013/07/30					
APPROVED BY DATE	DOCUMENT NO.				
AWA 2013/11/07	SD-52745-057				
MATERIAL NO.	SHEET NO.				
SEE CHART	3 OF 3				
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GENERAL TOLERANCES (UNLESS SPECIFIED)		
0.25 UNDER	UNDER	±0.03
0.25 OVER	0.5 UNDER	±0.05
0.5 OVER	1.0 UNDER	±0.1
1.0 OVER	10 UNDER	±---
10 OVER	30 UNDER	±---
30 OVER		±---
ANGULAR	±---	°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		