



CONNECTOR SERIES NO. : 52745-xx59

EN-02JA(021)

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、ニッケル下地金めっき (t=0.2)
TERMINAL:PHOSPHOR BRONZE, GOLD OVER NICKEL PLATING
金具：リン青銅、ニッケル下地金めっき (t=0.2)
FITTING NAIL: PHOSPHOR BRONZE, TIN OVER NICKEL 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-**-59 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 DIRECTON:0.1MAXIMUM
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.

7.ELV 及び RoHS 適合品

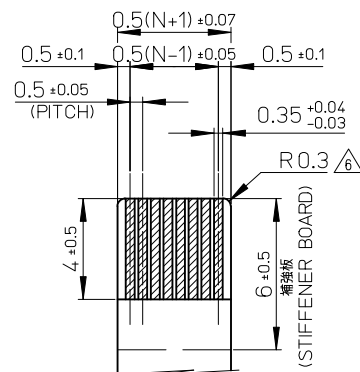
ELV AND RoHS COMPLIANT

FPCについて：

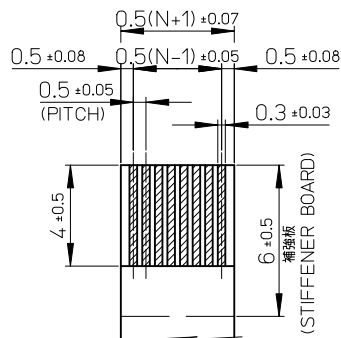
打抜き方向は導体側から補強板を推奨致します。
補強フィルム材質はポリイミドを推奨致します。
接着剤は熱硬化接着剤を推奨致します。

ABOUT FPC:

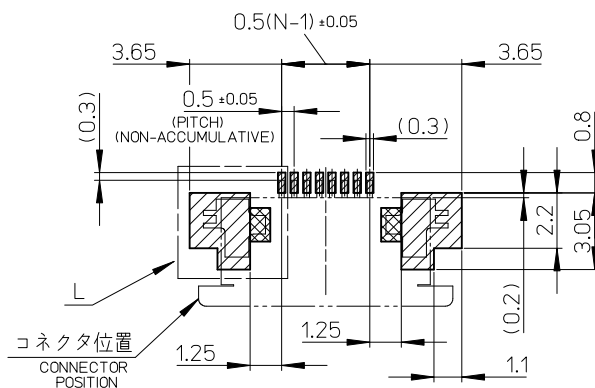
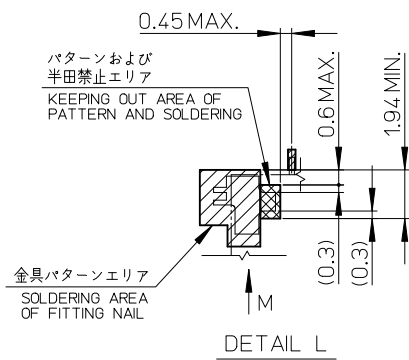
RECOMMENDED PUNCHER DIRECTION : FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.
RECOMMENDED MATERIAL :
STIFFENER FILM : POLYIMIDE
BONDING AGENT : THERMOSETTING BONDING AGENT



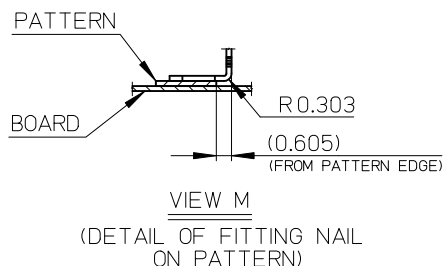
適合金めっきFPC推奨寸法
APPLICABLE FPC OF GOLD
PLATING RECOMMENDED DIMENSION
仕上がり厚さ：0.3±0.03
THICKNESS: 0.3+0.03/-0.03



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



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



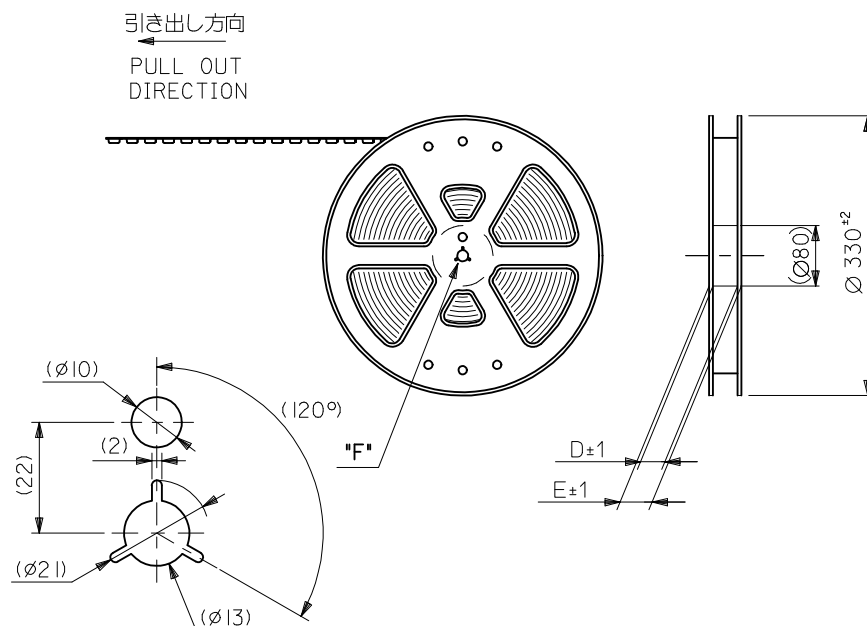
REVISED	EC NO: J2011-0041	DRAWN:HYOSHINO 2010/07/08	CHKD:SHIMOMIYAMA 2010/07/08	APPR:KKORIKAWA 2010/07/16	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION			
						10 UNDER	± ---	DRAWN BY M. NABEI	DATE '05/02/14	TITLE 0.5 FPC CONN. ZIF FOR SMT R/A (UPPER CONTACT) GOLD PLATING					
						10 OVER 30 UNDER	± ---	CHECKED BY K. TOJO	DATE '05/02/14						
						30 OVER	± ---	APPROVED BY N. UKITA	DATE '05/02/14						
						ANGULAR ± --- °		MATERIAL NO.					DOCUMENT NO.		SHEET NO. 2 OF 2
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE					SD-52745-050		
REV	SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												

PEEL OFF SHOULD NOT BE ALLOWED,
RING TRANSPORTATION.

引き出し方向
PULL OUT
DIRECTION

剥離方向
PEEL OFF
DIRECTION

10°



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>

6. 本製品は 52745-**90 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 52745-**90

7. 本製品は乾燥剤入り、ハイバリア梱包仕様である。
THIS PRODUCT IS HIGH BARRIER PACKAGE WITH DESICCANT.

REVISED EC NO: J2009-2061 DRWN:TKON CHKD:HWATSUMOTO APPR:NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		10 UNDER	± ---	DRAWN BY M.NABEI	DATE '05/02/14	TITLE 0.5 FPC CONN UPR CONT EMBSTP PKG -LEAD FREE-			
		10 OVER 30 UNDER	± ---	CHECKED BY K.TOJO	DATE '05/02/14				
		30 OVER	± ---	APPROVED BY N.UKITA	DATE '05/02/14				
		ANGULAR ± --- °		MATERIAL NO.					DOCUMENT NO.
	REV	A	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52745-051		1 OF 3
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

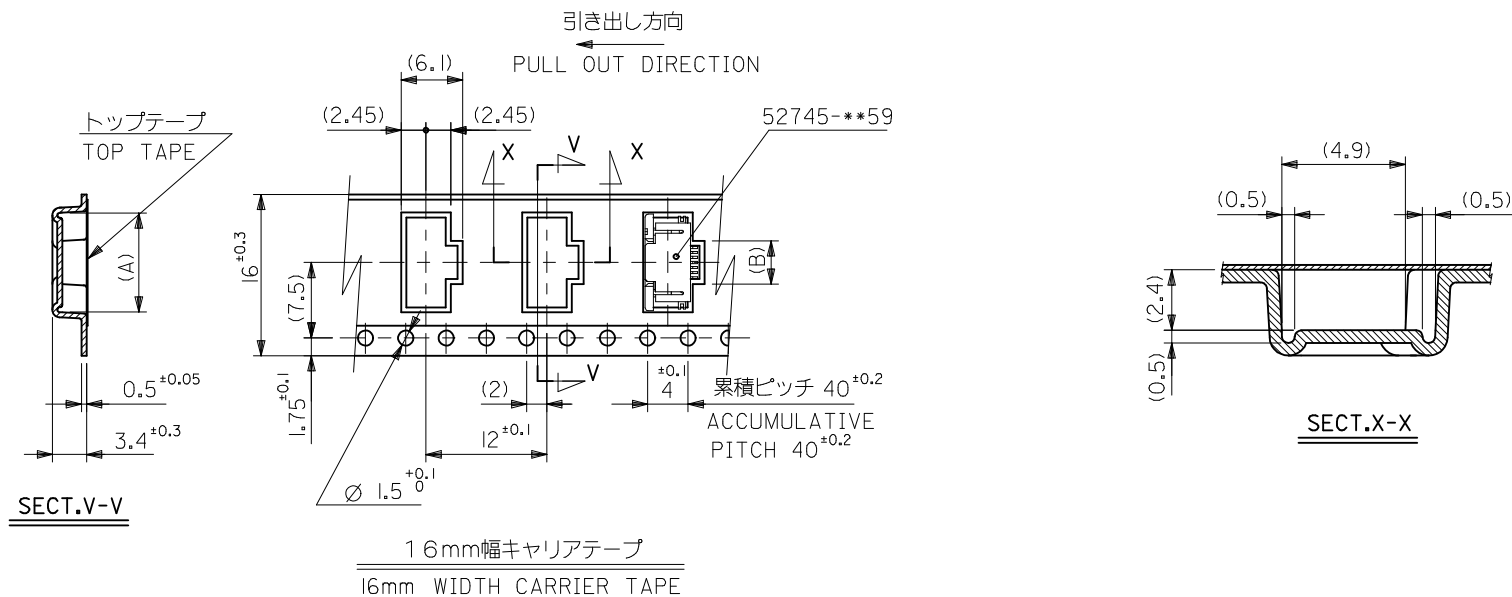
E

D

C

B

A



16	21.4	17.4	2.8	8.4	52745-0497	4
キャリアテープ幅 CARRIER TAPE WIDTH	E	D	(B)	(A)	MATERIAL NO.	極数 CIRCUIT

REVISED EC NO.: J2009-2061 DRWN:TKN CHKD:HMATSUMOTO APPR:NUKITA A	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± ---	DRAWN BY M.NABEI	DATE '05/02/14	TITLE 0.5 FPC CONN UPR CONT EMBSTP PKG -LEAD FREE-				
		10 OVER 30 UNDER	± ---	CHECKED BY K.TOJO	DATE '05/02/14					
		30 OVER	± ---	APPROVED BY N.UKITA	DATE '05/02/14	MOLEX INCORPORATED				
		ANGULAR ± --- °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52745-051		2 OF 3			
	REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

F

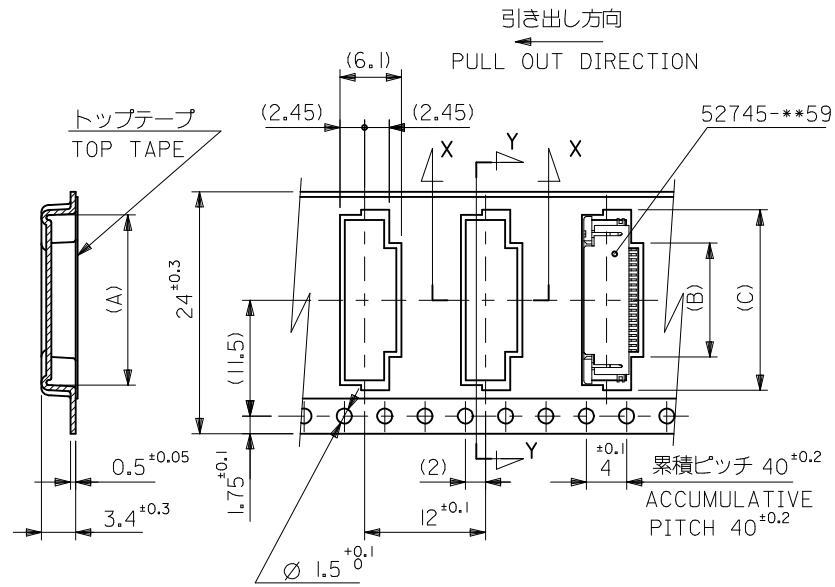
E

D

C

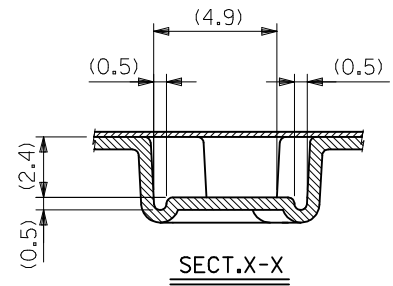
B

A



SECT.Y-Y

24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE



SECT.X-X

24	29.4	25.4	17.4	10.8	16.4	52745-2097	20
			16.9	10.3	15.9	-1997	19
			16.4	9.8	15.4	-1897	18
			15.9	9.3	14.9	-1797	17
			15.4	8.8	14.4	-1697	16
			14.9	8.3	13.9	-1597	15
			14.4	7.8	13.4	-1497	14
			13.9	7.3	12.9	-1397	13
			13.4	6.8	12.4	-1297	12
			12.9	6.3	11.9	-1197	11
			12.4	5.8	11.4	-1097	10
			11.9	5.3	10.9	-0997	9
キャリアテープ幅 CARRIER TAPE WIDTH	E	D	11.4	4.8	10.4	-0897	8
			10.9	4.3	9.9	-0797	7
			10.4	3.8	9.4	52745-0697	6
CARRIER TAPE WIDTH	E	D	(C)	(B)	(A)	MATERIAL NO.	極数 CIRCUIT

REVISED EC NO: J2009-2061 2009/05/20 DRWN:TKN 2009/05/21 CHKD:HMATSUMOTO 2009/05/21 APPR:NUKITA 2009/05/21	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± ---	DRAWN BY M.NABEI	DATE '05/02/14	TITLE 0.5 FPC CONN UPR CONT EMBSTP PKG -LEAD FREE-				
		10 OVER 30 UNDER	± ---	CHECKED BY K.TOJO	DATE '05/02/14					
		30 OVER	± ---	APPROVED BY N.UKITA	DATE '05/02/14	MOLEX MOLEX INCORPORATED				
		ANGULAR	± --- °	MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52745-051		3 OF 3		
	REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					