

10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

NOTES

1. PART COMPOSITION

ハウジング . . . 材質: 液晶ポリマー (LCP)、ガラス充填、UL94V-0、ナチュラル(白)

HOUSING MATERIAL: LIQUID CRYSTAL POLYMER(LCP),
GLASS FILLED, UL94V-0, NATURAL(WHITE)

ターミナル . . . 材質: 燃青銅

TERMINAL MATERIAL: PHOSPHOR BRONZE

コントラクト部: 部分金メッキ (0.1 μm以上)

テール部: 部分金メッキ

下地: ニッケルメッキ (1.0 μm以上)

CONTACT AREA : SEPARATED GOLD PLATING
(0.1 MICROMETER MINIMUM)

SOLDER TAIL AREA : SEPARATED GOLD PLATING
UNDERPLATE : NICKEL OVERALL
(1.0 MICROMETER MINIMUM)

アクチュエータ . . . 材質: ポリアミド (PA)、ガラス充填、UL94 HB、黒色

ACTUATOR MATERIAL: POLYAMIDE(PA), GLASS FILLED,
UL94 HB, BLACK

ネイル . . . 材質: 燃青銅

NAIL MATERIAL: PHOSPHOR BRONZE

テール部: 鎌メッキ (1.0 μm以上)

下地: ニッケルメッキ (1.0 μm以上)

SOLDER TAIL AREA : TIN OVERALL(1.0 MICROMETER MINIMUM)
UNDERPLATE : NICKEL OVERALL(1.0 MICROMETER MINIMUM)

2. 基板実装前にアクチュエータを操作しないで下さい。
PLEASE DO NOT OPERATE THE ACTUATOR BEFORE MOUNTING.

3. 必ずFPCを挿入してからアクチュエータを操作下さい。
PLEASE OPERATE THE ACTUATOR AFTER INSERTING THE FPC INTO

THE CONNECTOR.

4. FPCについて

ABOUT FPC

補強フィルム材質はポリイミドを推奨します。ベースフィルムは25 μmを推奨します。

接着剤は熱硬化接着剤を推奨します。

尚、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、染み出しが無い様、お願い致します。

RECOMMENDED STIFFENER MATERIAL: POLYIMIDE

RECOMMENDED BASE FILM THICKNESS: 25 MICROMETER

RECOMMENDED ADHESIVE: THERMOSETTING ADHESIVE

NOTE: PLEASE PUT APPROPRIATE AMOUNT OF ADHESIVE
ON ADHEREND BECAUSE THERE IS A
POSSIBILITY THAT THE EXTRA ADHESIVE CAUSES
THE DEFECT IN ELECTRICAL CONTINUITY.

打抜き方向は導体側から補強板側を推奨致します。

導体部については軟鋼箔35 μmを推奨致します。

RECOMMENDED PUNCHER DIRECTION:

FROM CONDUCTOR SIDE TO STIFFENER FILM SIDE.

RECOMMENDED CONDUCTOR SPECIFICATION:

THICKNESS OF SOFT COPPER FOIL: 35MICROMETER

△ R0.3は、FPC導体部にかからないこと。

R0.3 MUST NOT BE OVERLAPPED TO PATTERN OF FPC.

6. E LV & RoHS適合品

E LV AND RoHS COMPLIANT

7. 平坦度: 0.1以下

COPLANARITY: 0.1 MAXIMUM

8. 製造上の都合により機能を阻害しない部位の形状を変更する可能性があります。

PLEASE RECOGNIZE A POSSIBILITY TO CHANGE THE SHAPE
OF THE PART THAT DOES NOT OBSTRUCT A FUNCTION,
BY CIRCUMSTANCES IN OUR PRODUCTION.

9. 本製品の納入状態はアクチュエータが開いた状態となります。

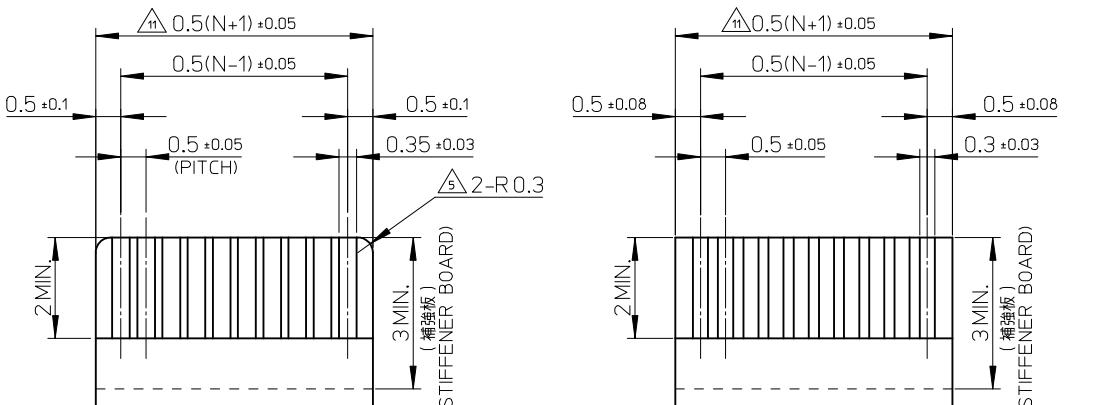
THIS PRODUCT IS DELIVERED WITH THE ACTUATOR
IN THE OPEN POSITION.

10. 本製品は両面(上面、下面)接触に対応しております。

THIS PRODUCT IS DUAL-CONTACT.
(TOP- AND BOTTOM-CONTACTS) TYPE CONNECTOR.

△ FPC幅が0.5(N+1)+0.02を超える場合、FPC挿入性の事前確認をお願いします。
PLEASE CONFIRM TO INSERT FPC IN ADVANCE WHEN FPC
WIDTH IS OVER 0.5(N+1)+0.02.

SEE SHEET	EC NO: KOR2015-0144	DRAWN BY: YKIM	APPR'D BY: YSKIM	REV: H	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
						mm	INCH	DRAWN BY THIRAYAMA	DATE 2009/12/11			
					▼=0	4 PLACES	± ---	± ---	CHECKED BY NMATSUURA	DATE 2009/12/11		
					▽=0	3 PLACES	± 0.2	± ---	APPROVED BY KMORIKAWA	DATE 2010/10/13		
						2 PLACES	± 0.25	± ---	MATERIAL NO. SEE SHEET1			
						1 PLACE	± 0.3	± ---	SIZE A3	DOCUMENT NO. SD-503480-001	SHEET NO. 2 OF 2	
						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				

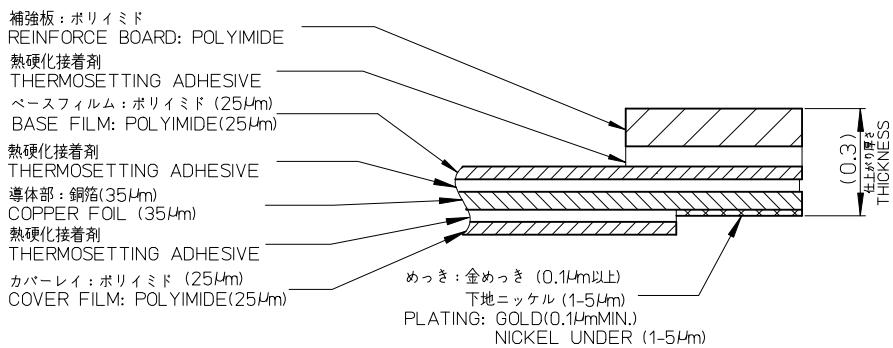


適合FPC推奨寸法
APPLICABLE FPC
RECOMMENDED DIMENSION
N: 極数
N:CIRCUITS

(仕上がり厚さ: 0.3±0.05) : 30極以下に適用
(THICKNESS: 0.3±0.05) : 30 OR LESS CIRCUITS
(仕上がり厚さ: 0.3±0.03) : 31極以上に適用
(THICKNESS: 0.3±0.03) : 31 OR OVER CIRCUITS

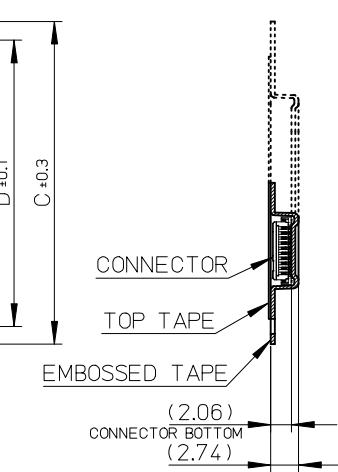
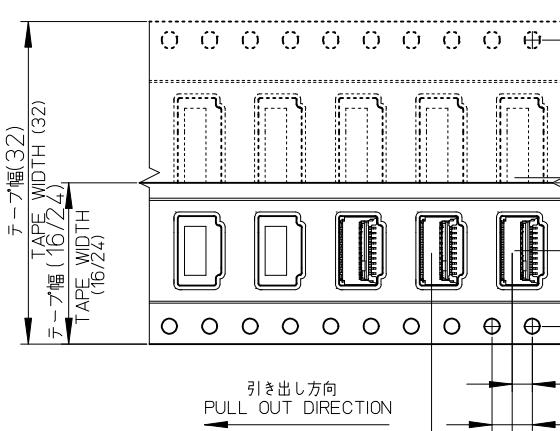
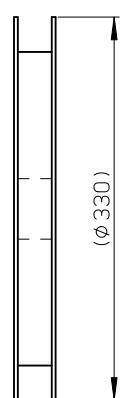
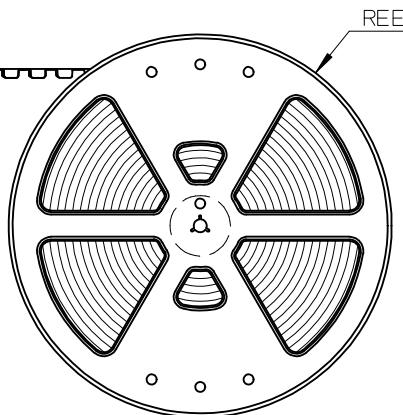
適合FFC推奨寸法
APPLICABLE FFC
RECOMMENDED DIMENSION
N: 極数
N:CIRCUITS

(仕上がり厚さ: 0.3±0.05) : 30極以下に適用
(THICKNESS: 0.3±0.05) : 30 OR LESS CIRCUITS
(仕上がり厚さ: 0.3±0.03) : 31極以上に適用
(THICKNESS: 0.3±0.03) : 31 OR OVER CIRCUITS



FPC構成推奨仕様
STRUCTURE OF FPC

10 9 8 7 6 5 4 3 2 1



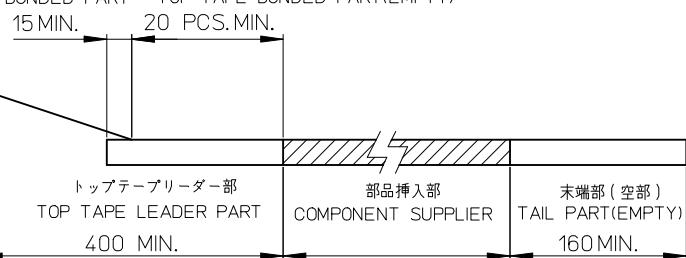
NOTES

1. 製品(503480-**09)の詳細寸法については、SD-503480-001をご参照下さい。
IN THE PACKAGE, PART NO.503480-**09 DETAILED DIMENSIONS.
REFER TO SD-503480-001.

2. 梱包数量: 3000個/リール
NUMBER OF CONNECTORS : 3000PCS/REEL

3. リードテープの長さ

LEAD TAPE LENGTH
TOP TAPE NON-BONDED PART トッピングテープ未接着部
TOP TAPE BONDED PART(EMPTY) トッピングテープ接着部(空エンボス)



4. 材料
キャリアテープ : PET
トッピングテープ : PET, OTHER
リール : PS<リサイクル材を含む>

MATERIAL
CARRIER TAPE : PET
TOP TAPE : PET, OTHER
REEL : PS <RECYCLE MATERIAL CONTAINED>

5. カバーテープの剥離強度については、IEC60286-3に準拠
COVER TAPE PEEL FORCE IS DEFINED BY IEC60286-3.

DIRECTION OF CONNECTOR IN EMBOSSED TAPE
エンボステープ内の製品の向き

14.2	28.4	32	-	-	32	503480-3200	32
						503480-2600	26
						503480-2400	24
						503480-2200	22
						503480-2000	20
						503480-1800	18
						503480-1700	17
						503480-1600	16
						503480-1400	14
						503480-1200	12
						503480-1000	10
						503480-0800	8
						503480-0600	6
						503480-0500	5
						503480-0400	4

E	D	C	B	A	TAPE WIDTH	ORDER NO.	CIRCUIT
						◎	THIRD ANGLE PROJECTION

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	TITLE 0.5 FPC CONN. E/O EMBOSSED TAPE PACKAGE
	mm	INCH	DRAWN BY THIRAYAMA	DATE 2009/12/11			
▽=0	4 PLACES	±0.2	±---	CHECKED BY NMATSUURA			
▽=0	3 PLACES	±0.25	±---	APPROVED BY KMORIKAWA	2009/12/11		
▽=0	2 PLACES	±0.3	±---				
▽=0	1 PLACE	±---	±---				
▽=0	ANGULAR	± 3 °					
▽=0	DRAFT WHERE APPLICABLE	MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	MATERIAL NO.	DOCUMENT NO.	SD-503480-002	SHEET NO. 1 OF 1
▽=0	REVISED	EC NO: KOR2015-0144 DRAWN BY: YKIM CHKD BY: YKIM APPR: YSKIM REV: E	2015/06/05 2015/06/05 2015/06/05	DATE 2009/12/11	SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

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