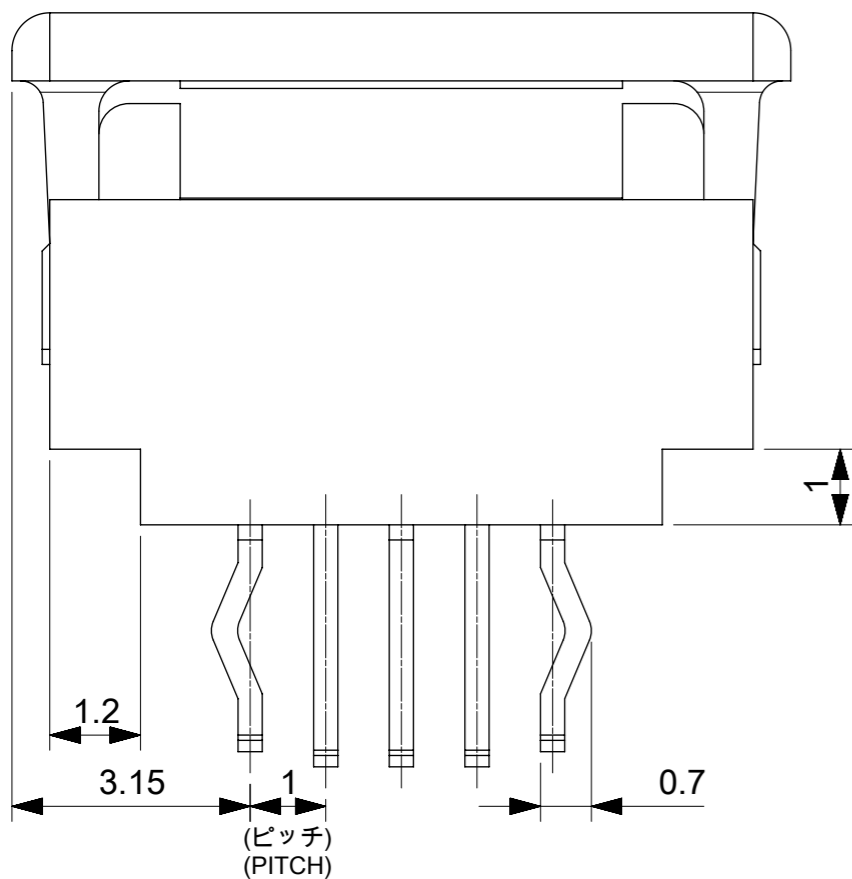


SECTION A-A



注記 NOTES

△1 CKT.NO.1を基準に偶数番目のソルダーテール。
EVEN NO. SOLDER TAIL.

△2 CKT.NO.1を基準に奇数番目のソルダーテール。
ODD NO. SOLDER TAIL.

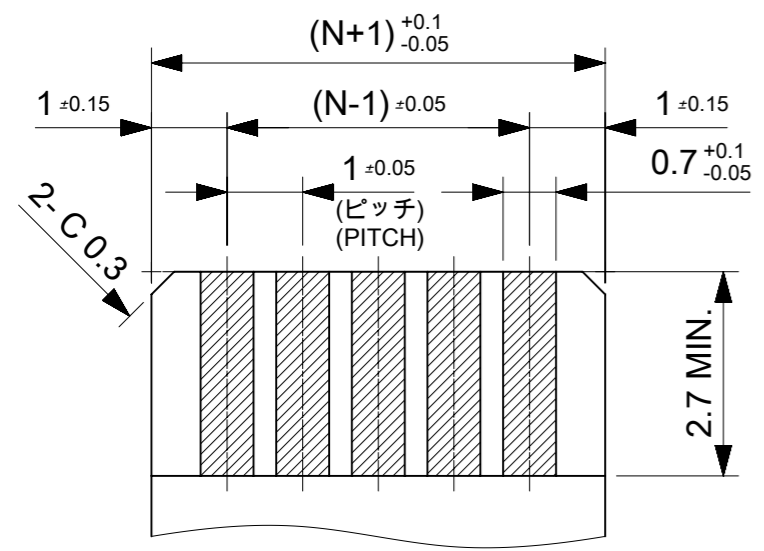
3. 材料 MATERIAL
ハウジング : ポリアミド(PA)、ナチュラル、UL94V-0
HOUSING : POLYAMIDE, NATURAL, UL94V-0
アクチュエータ : ポリエステル(PBT)、
ナチュラル、UL94V-0
ACTUATOR : POLYBUTYLENE TEREPHTHALATE,
NATURAL, UL94V-0
ターミナル : リン青銅(t=0.32)
TERMINAL : PHOSPHOR BRONZE(t=0.32)

4. めっき仕様 PLATING
ターミナル TERMINAL
接点部 : 金めっき(0.1µm以上)
CONTACT AREA : GOLD PLATING(0.1µm MIN.)
テール部 : 錫めっき(1.0µm以上)
TAIL AREA : TIN PLATING(1.0µm MIN.)
下地 : ニッケルめっき(1.0µm以上)
UNDER PLATING : NICKEL PLATING(1.0µm MIN.)

5. 本製品は、52030シリーズの金めっき品である。
THIS PRODUCT IS GOLD PLATING OF 52030.

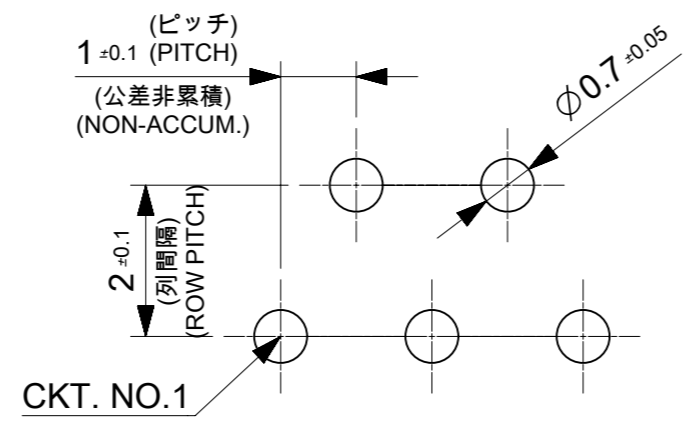
| | | | |
|------|------|---------------------|------------|
| 25.3 | 21.2 | 52030-2075 | 20 |
| 22.3 | 18.2 | 52030-1775 | 17 |
| 21.3 | 17.2 | 52030-1675 | 16 |
| 17.3 | 13.2 | 52030-1275 | 12 |
| 15.3 | 11.2 | 52030-1075 | 10 |
| B | A | オーダー番号 ORDER NO. | 極数 CKT. |

| | | | | | | | | | | | | |
|---|---|--|--|-----------------|------------------------------|-----------------------|----------------------|------------------------------|-----------------|----------|--------------|--------------------------|
| QUALITY SYMBOLS ▽A = 0 ▽E = 0 ▽F = 0 ▼ = 0 ▽C = 0 ⊠ = 0 ■ = 0 ▽ = 0 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | DIMENSION UNITS MM | | SCALE 10:1 | | | | | |
| | EC NO: 102046 DRWN: JASANUMA CHK'D: KTAKAHASHI APPR: YNOGAWA | GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 3.0 ° | | DRWN BY | DATE | JASANUMA 2015/12/04 | | 1.0 FPC CONN ZIF (ST) | | | | |
| | | 4 PLACES ± 0.2 3 PLACES ± 0.2 2 PLACES ± 0.2 1 PLACE ± 0.25 0 PLACES ± 0.3 | | CHK'D BY | DATE | KTAKAHASHI 2015/12/08 | | | | | | PRODUCT CUSTOMER DRAWING |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | APPR BY | DATE | YNOGAWA 2015/12/09 | | SERIES | MATERIAL NUMBER | CUSTOMER | | |
| A3 | | THIRD ANGLE PROJECTION | | 52030 SEE CHART | | GENERAL | | DOCUMENT NUMBER | DOC TYPE | DOC PART | SHEET NUMBER | |
| A | | REV | | 520301001 | | PSD | | 000 | | 1 OF 2 | | |



(仕上がり厚さ:0.3±0.05)
(THICKNESS:0.3±0.05)

適合FPC/FFC推奨寸法
APPLICABLE FPC/FFC RECOMMENDED DIM.



基板取付穴推奨寸法(t=1.6)
RECOMMENDED
P.C.BOARD HOLE DIM.(t=1.6)
(マウント面)
(MOUNT SURFACE)

FPC/FFCについて

打ち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箔銅35µmまたは50µmを推奨致します。
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、
染み出しが無い様お願い致します。
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

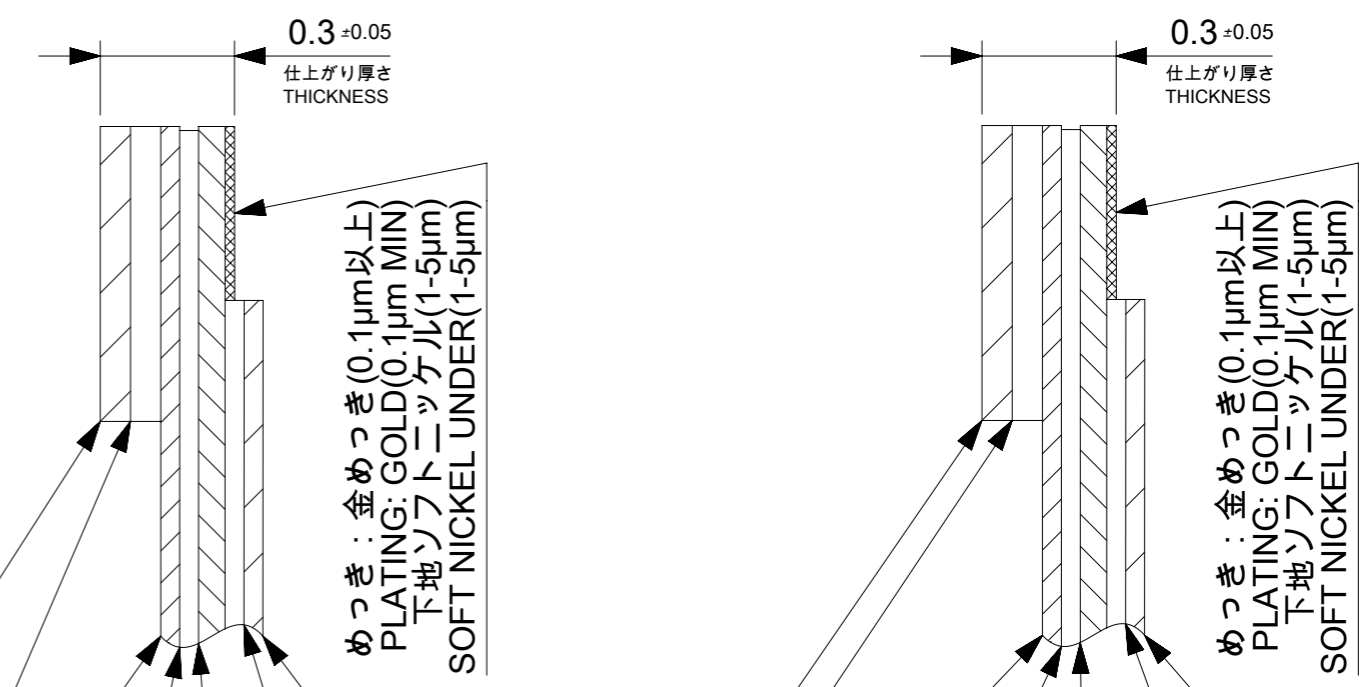
PLEASE PUT APPROPRIATE AMOUNT OF ADHESIVE ON ADHEREND BECAUSE
THERE IS A POSSIBILITY THAT EXTRA ADHESIVE CAUSES THE DEFECT IN
ELECTRICAL CONTINUITY THE HEAT RESISTANCE OF FFC IS ONLY FFC SPEC
TO PREVENT THE CASE THAT RELIABILITY CANNOT BE SATISFIED
(THE ADHESIVE IS DETERIORATED etc.) PLEASE DO THE EVALUATION
AND THE CONFIRMATION WITH ACTUAL CONNECTER.

FPCについて

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



補強板: ポリイミド
REINFORCE BOARD: POLYIMIDE

熱硬化接着剤
THERMOSETTING ADHESIVE

ベースフィルム: ポリイミド(25µm)
BASE FILM: POLYIMIDE(25µm)

熱硬化接着剤
THERMOSETTING ADHESIVE

導体部: 銅箔(35µm)
CONDUCTOR: COPPER FOIL (35µm)

熱硬化接着剤
THERMOSETTING ADHESIVE

カバーレイ: ポリイミド(25µm)
COVER FILM: POLYIMIDE(25µm)

補強板: ポリエステル系
REINFORCE BOARD: PET

接着剤(難燃ポリエステル系)
ADHESIVE (FLAME-RETARDANT
POLYESTER ADHESIVE)

絶縁テープ: ポリエステル系(25µm)
INSULATING FILM: PET(25µm)

接着剤(難燃ポリエステル系)
ADHESIVE (FLAME-RETARDANT
POLYESTER ADHESIVE)

導体部: 銅箔(35µm or 50µm)
CONDUCTOR: COPPER FOIL (35µm or 50µm)

接着剤(難燃ポリエステル系)
ADHESIVE (FLAME-RETARDANT
POLYESTER ADHESIVE)

絶縁テープ: ポリエステル系(25µm)
INSULATING FILM: PET(25µm)

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: 102046 DRWN: JASANUMA CHK'D: KTAKAHASHI APPR: YNOGAWA | 2015/12/04 | 2015/12/08 | 2015/12/09 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION UNITS | SCALE | | | | |
| | | ANGULAR TOL ± 3.0 ° | | | MM | 1:1 | | | | | | |
| | | 4 PLACES ± 0.2 | 3 PLACES ± 0.2 | 2 PLACES ± 0.2 | DRWN BY | DATE | | | | | | |
| 1 PLACE ± 0.25 | 0 PLACES ± 0.3 | JASANUMA | 2015/12/04 | CHK'D BY | DATE | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | DRAFTER: YNOGAWA | | KTAKAHASHI | 2015/12/08 | APPR BY | DATE | PRODUCT CUSTOMER DRAWING | | | |
| A3 | | THIRD ANGLE PROJECTION | | YNOGAWA | | | 2015/12/09 | SERIES | MATERIAL NUMBER | CUSTOMER | | |
| A3 | | THIRD ANGLE PROJECTION | | YNOGAWA | | | 2015/12/09 | 52030 | SEE CHART | GENERAL | | |
| A3 | | THIRD ANGLE PROJECTION | | YNOGAWA | | | 2015/12/09 | DOCUMENT NUMBER | | DOC TYPE | DOC PART | SHEET NUMBER |
| A3 | | THIRD ANGLE PROJECTION | | YNOGAWA | | | 2015/12/09 | 520301001 | | PSD | 000 | 2 OF 2 |