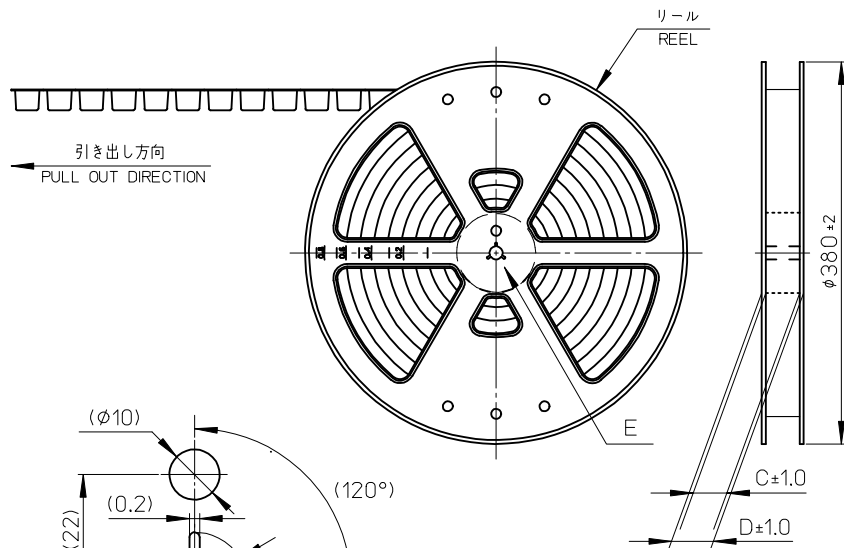
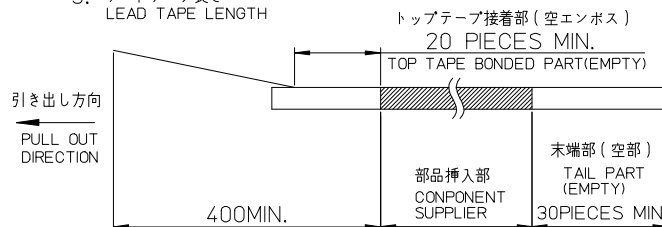
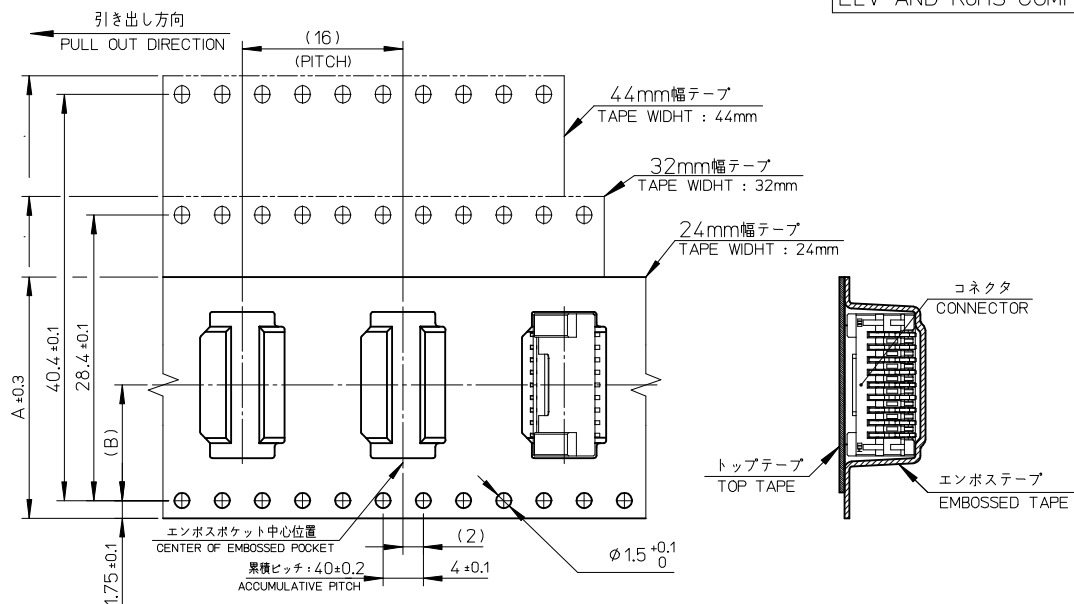


## NOTES

- 製品詳細寸法は製品単体図面を参照して下さい。  
FOR DETAIL OF CONNECTOR DIMENSIONS,  
PLEASE SEE THE DRAWING OF CONNECTOR ITSELF (NOT PACKAGED).
- 梱包数量 : 700個  
NUMBER OF CONNECTIONS : 700 PIECES/REEL.
- リードテープ長さ  
LEAD TAPE LENGTH



- 材料 MATERIAL  
キャリアテープ: ポリスチレン (PS)  
CARRIER TAPE: POLYSTYRENE (PS)  
トップテープ: ポリエステル (PET)、その他  
TOP TAPE: POLYESTER (PET)、OTHER  
リール: ポリスチレン (PS) <リサイクル材を含む>  
REEL: POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>
- トップテープの剥離強度については、IEC60286-3に準拠  
TOP TAPE PEEL FORCE IS DEFINED BY IEC60286-3.



|      |      |      |                                    | HSG COLOR<br>GREEN                 | HSG COLOR<br>BLUE                  | HSG COLOR<br>RED                   | HSG COLOR<br>BLACK                 | HSG COLOR<br>NATURAL(BEIGE)        |                |
|------|------|------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|----------------|
| 49.4 | 45.4 | 20.2 | 44                                 | 5041894076                         | 5041894074                         | 5041894072                         | 5041894071                         | 5041894070                         | 40             |
| 49.4 | 45.4 | 20.2 | 44                                 | 5041893876                         | 5041893874                         | 5041893872                         | 5041893871                         | 5041893870                         | 38             |
| 49.4 | 45.4 | 20.2 | 44                                 | 5041893676                         | 5041893674                         | 5041893672                         | 5041893671                         | 5041893670                         | 36             |
| 49.4 | 45.4 | 20.2 | 44                                 | 5041893476                         | 5041893474                         | 5041893472                         | 5041893471                         | 5041893470                         | 34             |
| 49.4 | 45.4 | 20.2 | 44                                 | 5041893276                         | 5041893274                         | 5041893272                         | 5041893271                         | 5041893270                         | 32             |
| 49.4 | 45.4 | 20.2 | 44                                 | 5041893076                         | 5041893074                         | 5041893072                         | 5041893071                         | 5041893070                         | 30             |
| 37.4 | 33.4 | 14.2 | 32                                 | 5041892876                         | 5041892874                         | 5041892872                         | 5041892871                         | 5041892870                         | 28             |
| 37.4 | 33.4 | 14.2 | 32                                 | 5041892676                         | 5041892674                         | 5041892672                         | 5041892671                         | 5041892670                         | 26             |
| 37.4 | 33.4 | 14.2 | 32                                 | 5041892476                         | 5041892474                         | 5041892472                         | 5041892471                         | 5041892470                         | 24             |
| 37.4 | 33.4 | 14.2 | 32                                 | 5041892276                         | 5041892274                         | 5041892272                         | 5041892271                         | 5041892270                         | 22             |
| 37.4 | 33.4 | 14.2 | 32                                 | 5041892076                         | 5041892074                         | 5041892072                         | 5041892071                         | 5041892070                         | 20             |
| 29.4 | 25.4 | 11.5 | 24                                 | 5041891876                         | 5041891874                         | 5041891872                         | 5041891871                         | 5041891870                         | 18             |
| 29.4 | 25.4 | 11.5 | 24                                 | 5041891676                         | 5041891674                         | 5041891672                         | 5041891671                         | 5041891670                         | 16             |
| D    | C    | B    | エンボステープ幅<br>WIDTH OF TAPE<br><br>A | エンボス梱包<br>EMBOSSED TAPE<br>PACKAGE | エンボス梱包<br>EMBOSSED TAPE<br>PACKAGE | エンボス梱包<br>EMBOSSED TAPE<br>PACKAGE | エンボス梱包<br>EMBOSSED TAPE<br>PACKAGE | エンボス梱包<br>EMBOSSED TAPE<br>PACKAGE | 極数<br>CKT. NO. |
|      |      |      |                                    | オーダー番号<br>ORDER NO.                | オーダー番号<br>ORDER NO.                | オーダー番号<br>ORDER NO.                | オーダー番号<br>ORDER NO.                | オーダー番号<br>ORDER NO.                |                |

|                                                                                                                         |                                                            |                                                                                                                                             |           |                            |                    |                                                       |                        |                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------|--------------------|-------------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------|
| RELEASED<br>EC NO: J2014-0152<br>2013/07/25<br>DRWN:SSAT002<br>CHKD:KASAKAWA<br>2013/07/30<br>APPR:NUKITA<br>2013/08/08 | DESCRIPTION                                                | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                    |           | DIMENSION STYLE<br>MM ONLY |                    | SCALE<br>2:1                                          | DESIGN UNITS<br>METRIC |  THIRD ANGLE<br>PROJECTION |
|                                                                                                                         |                                                            | 10 UNDER                                                                                                                                    | ± 0.2     | DRAWN BY<br>SSAT002        | DATE<br>2013/07/25 | TITLE<br>EMBOSSED PACKAGE FOR<br>1.25 WTB DUAL RA SMT |                        |                                                                                                                 |
|                                                                                                                         |                                                            | 10 OVER 30 UNDER                                                                                                                            | ± 0.25    | CHECKED BY<br>KASAKAWA     | DATE<br>2013/07/30 |                                                       |                        |                                                                                                                 |
|                                                                                                                         |                                                            | 30 OVER                                                                                                                                     | ± 0.3     | APPROVED BY<br>NUKITA      | DATE<br>2013/08/08 |                                                       |                        |                                                                                                                 |
|                                                                                                                         |                                                            | ANGULAR ±1 °                                                                                                                                |           | MATERIAL NO.               |                    |                                                       |                        |                                                                                                                 |
|                                                                                                                         | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                                                                                                                             | SEE TABLE |                            | SD-504189-001      |                                                       | 1 OF 1                 |                                                                                                                 |
|                                                                                                                         | REV<br>O                                                   | SIZE<br>A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |           |                            |                    |                                                       |                        |                                                                                                                 |

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## NOTES

1. 嵌合相手: 504186-\*\*0\*  
MATE WITH: 504186-\*\*0\*
2. 端子テール部の平坦度: 0.1MAX.  
TAIL COPLANARITY TO BE 0.1 MAX.
3. 極数/2=偶数に適用。  
APPLY FOR CKT. SIZE / 2 = EVEN.
4. 端子部に錫めっきを使用しているため、  
外観に摺動痕が付く場合があります。  
THE WOUND OF FRICTION MIGHT ADHERE TO EXTERNALS  
BECAUSE THE TIN PLATING IS USED FOR THE TERMINAL.
5. 本製品のプラスチック部に黒点等が確認される場合や  
色合いが異なる場合がありますが、製品性能に影響はありません。  
THERE IS NO INFLUENCE IN THE PRODUCT PERFORMANCE THOUGH  
THE BLACK SPOT ETC. MIGHT BE CONFIRMED TO THE PLASTIC PART  
OF THIS PRODUCT AND THE SHADE MIGHT BE DIFFERENT.
6. アプリケーション仕様書 (コネクタ取扱説明書): AS-504186-001/-002  
APPLICATION SPECIFICATIONS (CONNECTOR MANUAL): AS-504186-001/-002
7. 製品仕様書: PS-504186-001  
Product specification: PS-504186-001

ELV AND RoHS COMPLIANT

8. 製品番号 MATERIAL No.

504189\*\*7\*

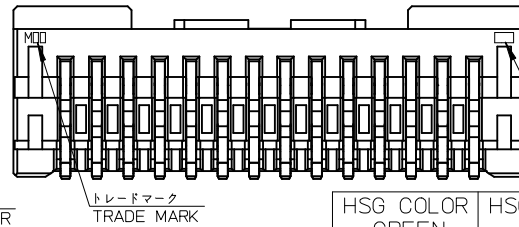
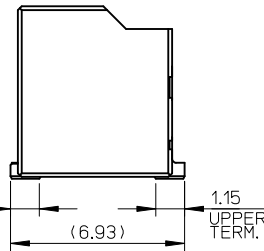
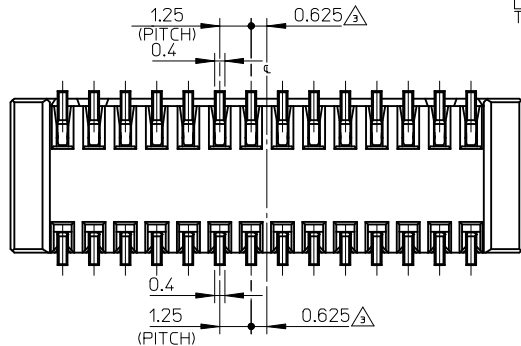
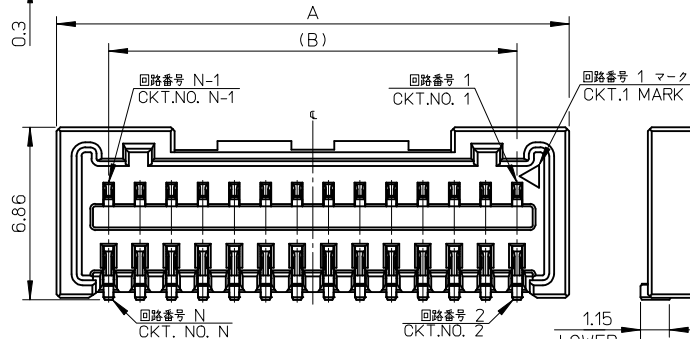
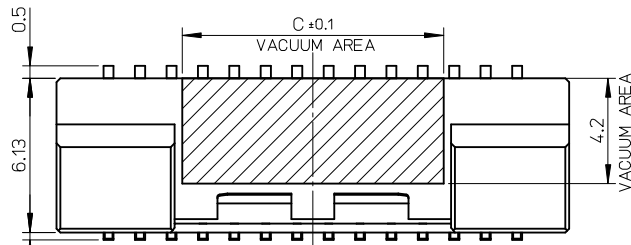
極数

色

CIRCUIT SIZE

COLOR

| NO. | COLOR   |
|-----|---------|
| 0   | NATURAL |
| 1   | BLACK   |
| 2   | RED     |
| 4   | BLUE    |
| 6   | GREEN   |

キャビティ番号及び金型番号  
CAVITY. & MOLD NO.

| トレードマーク<br>TRADE MARK |       |       | HSG COLOR<br>GREEN                 | HSG COLOR<br>BLUE                  | HSG COLOR<br>RED                   | HSG COLOR<br>BLACK                 | HSG COLOR<br>NATURAL(BEIGE)        |                |
|-----------------------|-------|-------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|----------------|
| 14.9                  | 23.75 | 27.9  | 5041894076                         | 5041894074                         | 5041894072                         | 5041894071                         | 5041894070                         | 40             |
| 14.9                  | 22.5  | 26.65 | 5041893876                         | 5041893874                         | 5041893872                         | 5041893871                         | 5041893870                         | 38             |
| 14.9                  | 21.25 | 25.4  | 5041893676                         | 5041893674                         | 5041893672                         | 5041893671                         | 5041893670                         | 36             |
| 10.4                  | 20    | 24.15 | 5041893476                         | 5041893474                         | 5041893472                         | 5041893471                         | 5041893470                         | 34             |
| 10.4                  | 18.75 | 22.9  | 5041893276                         | 5041893274                         | 5041893272                         | 5041893271                         | 5041893270                         | 32             |
| 10.4                  | 17.5  | 21.65 | 5041893076                         | 5041893074                         | 5041893072                         | 5041893071                         | 5041893070                         | 30             |
| 10.4                  | 16.25 | 20.4  | 5041892876                         | 5041892874                         | 5041892872                         | 5041892871                         | 5041892870                         | 28             |
| 8.9                   | 15    | 19.15 | 5041892676                         | 5041892674                         | 5041892672                         | 5041892671                         | 5041892670                         | 26             |
| 8.9                   | 13.75 | 17.9  | 5041892476                         | 5041892474                         | 5041892472                         | 5041892471                         | 5041892470                         | 24             |
| 8.9                   | 12.5  | 16.65 | 5041892276                         | 5041892274                         | 5041892272                         | 5041892271                         | 5041892270                         | 22             |
| 8.9                   | 11.25 | 15.4  | 5041892076                         | 5041892074                         | 5041892072                         | 5041892071                         | 5041892070                         | 20             |
| 8.9                   | 10    | 14.15 | 5041891876                         | 5041891874                         | 5041891872                         | 5041891871                         | 5041891870                         | 18             |
| 7.65                  | 8.75  | 12.9  | 5041891676                         | 5041891674                         | 5041891672                         | 5041891671                         | 5041891670                         | 16             |
| C                     | B     | A     | エンボス梱包<br>EMBOSSED TAPE<br>PACKAGE | エンボス梱包<br>EMBOSSED TAPE<br>PACKAGE | エンボス梱包<br>EMBOSSED TAPE<br>PACKAGE | エンボス梱包<br>EMBOSSED TAPE<br>PACKAGE | エンボス梱包<br>EMBOSSED TAPE<br>PACKAGE | 極数<br>CKT. NO. |
|                       |       |       | オーダー番号<br>ORDER NO.                | オーダー番号<br>ORDER NO.                | オーダー番号<br>ORDER NO.                | オーダー番号<br>ORDER NO.                | オーダー番号<br>ORDER NO.                |                |

| 部品<br>PART          | 材質<br>MATERIAL                                                                                        |
|---------------------|-------------------------------------------------------------------------------------------------------|
| ハウジング<br>HOUSING    | ポリアミド(PA)、ガラス充填、UL94V-0、色: 表参照<br>POLYAMIDE (PA), GLASS FILLER, UL94 V-0, COLOR: SEE TABLE            |
| 上段端子<br>UPPER TERM. | 黄銅 BRASS<br>錫めっき: 1.0 micro-meter MIN.<br>ニッケルめっき(下地): 1.0 micro-meter MIN.<br>NICKEL (UNDER PLATING) |
| 下段端子<br>LOWER TERM. | 黄銅 BRASS<br>錫めっき: 1.0 micro-meter MIN.<br>ニッケルめっき(下地): 1.0 micro-meter MIN.<br>NICKEL (UNDER PLATING) |

RELEASED  
EC NO: J2014-0152  
DRW:SSAT002 2013/07/25  
CHKD:KASAKAWA 2013/07/30  
APPR:NUKITA 2013/08/08

| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   | DIMENSION STYLE<br>MM ONLY          |
|------------------------------------------------------------|-------------------------------------|
| 10 UNDER ± 0.2                                             | DRAWN BY SSAT002 DATE 2013/07/25    |
| 10 OVER 30 UNDER ± 0.25                                    | CHECKED BY KASAKAWA DATE 2013/07/30 |
| 30 OVER ± 0.3                                              | APPROVED BY NUKITA DATE 2013/08/08  |
| ANGULAR ± 1°                                               | MATERIAL NO.                        |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS | SEE TABLE                           |

| SCALE<br>5:1                     | DESIGN UNITS<br>METRIC              | THIRD ANGLE<br>PROJECTION          |
|----------------------------------|-------------------------------------|------------------------------------|
| DRAWN BY SSAT002 DATE 2013/07/25 | CHECKED BY KASAKAWA DATE 2013/07/30 | APPROVED BY NUKITA DATE 2013/08/08 |
| MATERIAL NO.                     |                                     |                                    |
| SEE TABLE                        |                                     |                                    |

|                                    |                                    |
|------------------------------------|------------------------------------|
| 1.25 WTB DUAL RA SMT<br>PLUG ASS'Y | 1.25 WTB DUAL RA SMT<br>PLUG ASS'Y |
| molex                              |                                    |
| DOCUMENT NO.                       | SHEET NO.                          |
| SD-504189-002                      | 1 OF 2                             |

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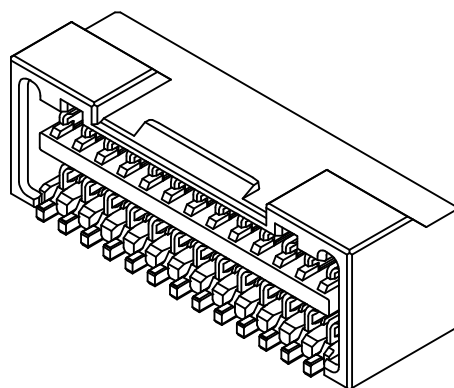
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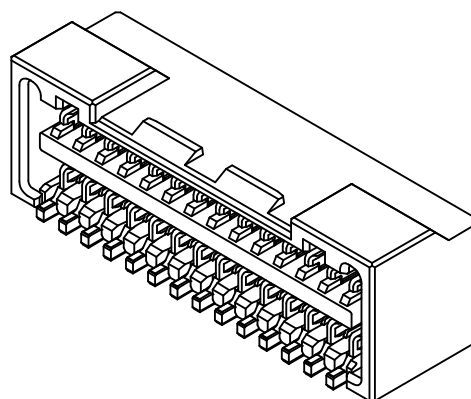
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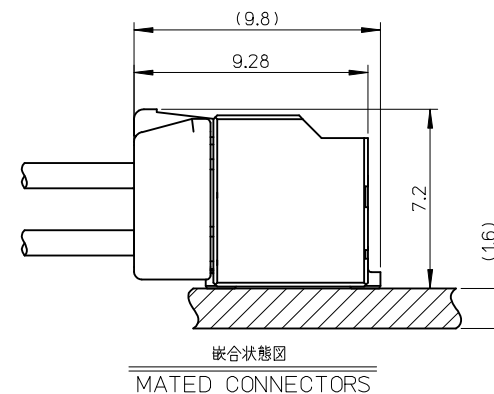
ELV AND RoHS COMPLIANT



16-26 CKT.係止形状

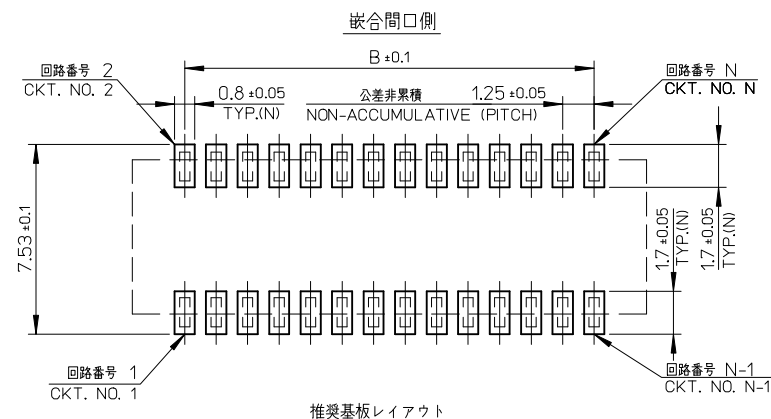


28-40 CKT. 係止形状



嵌合状態図

MATED CONNECTORS



推奨基板レイアウト

RECOMMENDED P.C.B. PATTERN LAYOUT

(参考: メタルマスク厚さ: 150μm, マスク開口率100%)

(REFERENCE: METAL MASK THICKNESS: 150μm, APERTURE RATIO: 100%)

|                                                                              |             |                                                                                                                                             |        |                            |                    |                                             |                        |                                                                                                                 |  |
|------------------------------------------------------------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------------------|--------------------|---------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------|--|
| RELEASED<br>EC NO: J2014-0152<br>DWG:SSAT002<br>CHKD:KASAKAWA<br>APPR:NUKITA | DESCRIPTION | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                    |        | DIMENSION STYLE<br>MM ONLY |                    | SCALE<br>5:1                                | DESIGN UNITS<br>METRIC |  THIRD ANGLE<br>PROJECTION |  |
|                                                                              |             | 10 UNDER                                                                                                                                    | ± 0.2  | DRAWN BY<br>SSAT002        | DATE<br>2013/07/25 | TITLE<br>1.25 WTB DUAL RA SMT<br>PLUG ASS'Y |                        |                                                                                                                 |  |
|                                                                              |             | 10 OVER 30 UNDER                                                                                                                            | ± 0.25 | CHECKED BY<br>KASAKAWA     | DATE<br>2013/07/30 |                                             |                        |                                                                                                                 |  |
|                                                                              |             | 30 OVER                                                                                                                                     | ± 0.3  | APPROVED BY<br>NUKITA      | DATE<br>2013/08/08 |                                             |                        |                                                                                                                 |  |
|                                                                              |             | ANGULAR ±1 °                                                                                                                                |        | MATERIAL NO.               |                    | DOCUMENT NO.                                |                        | SHEET NO.                                                                                                       |  |
|                                                                              |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                  |        | SEE SHEET 1                |                    | SD-504189-002                               |                        | 2 OF 2                                                                                                          |  |
| 0                                                                            | REV         | SIZE<br>A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |        |                            |                    |                                             |                        |                                                                                                                 |  |

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