

F

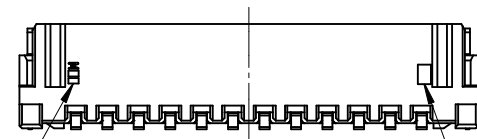
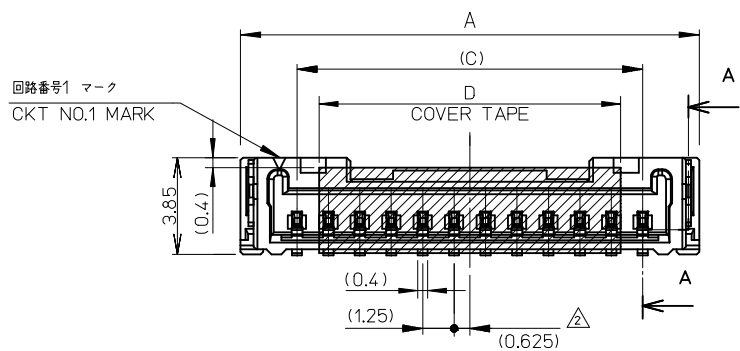
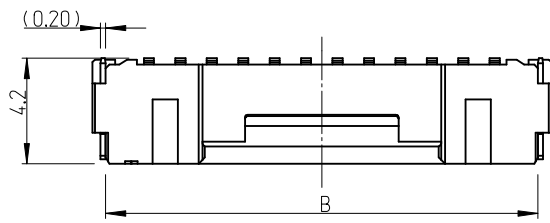
E

D

C

B

A



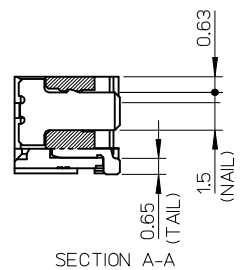
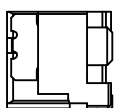
奇数キャビティ：キャビティ番号及び金型番号  
偶数キャビティ：トレードマーク

ODD CAVITY: CAVITY AND MOLD NO.  
EVEN CAVITY: TRADE MARK

奇数キャビティ：トレードマーク

偶数キャビティ：キャビティ番号及び金型番号

ODD CAVITY: TRADE MARK  
EVEN CAVITY: CAVITY AND MOLD NO.



NOTES

1. 嵌合相手：505565\*\*0\*  
MATE WITH: 505565\*\*0\*
2. 偶数極 に適用  
APPLY FOR EVEN CKT.
3. 製品仕様書：5055650002PS000  
PRODUCT SPECIFICATION:5055650002PS000
4. オーダー番号と色、極数の関係  
RELATION ORDER NUMBER AND COLOR, CKT.

| 505568**8*  |       | NO. COLOR |
|-------------|-------|-----------|
| 極数          | 色     | 0 NATURAL |
|             |       | 1 BLACK   |
| CIRCUIT NO. | COLOR | 2 RED     |
|             |       | 3 YELLOW  |
|             |       | 4 BLUE    |
|             |       | 6 GREEN   |
|             |       | 8 ORANGE  |

5. ELV及びRoHS適合品  
ELV AND RoHS COMPLIANT
6. ターミナルとネールの平坦度は0.1mm以下  
TERMINAL AND NAIL COPLANARITY : 0.1mm MAX.

|      |       |       |       |                                   |                |
|------|-------|-------|-------|-----------------------------------|----------------|
| 12.0 | 18.75 | 22.20 | 23.25 | 505568168*                        | 16             |
| 12.0 | 17.50 | 20.95 | 22.00 | 505568158*                        | 15             |
| 12.0 | 16.25 | 19.70 | 20.75 | 505568148*                        | 14             |
| 12.0 | 15.00 | 18.45 | 19.50 | 505568138*                        | 13             |
| 12.0 | 13.75 | 17.20 | 18.25 | 505568128*                        | 12             |
| 12.0 | 12.50 | 15.95 | 17.00 | 505568118*                        | 11             |
| 12.0 | 11.25 | 14.70 | 15.75 | 505568108*                        | 10             |
| 10.0 | 10.00 | 13.45 | 14.50 | 505568098*                        | 9              |
| 8.0  | 8.75  | 12.20 | 13.25 | 505568088*                        | 8              |
| 8.0  | 7.50  | 10.95 | 12.00 | 505568078*                        | 7              |
| 8.0  | 6.25  | 9.70  | 10.75 | 505568068*                        | 6              |
| 8.0  | 5.00  | 8.45  | 9.50  | 505568058*                        | 5              |
| 7.0  | 3.75  | 7.20  | 8.25  | 505568048*                        | 4              |
| 5.0  | 2.50  | 5.95  | 7.00  | 505568038*                        | 3              |
| 5.0  | 1.25  | 4.70  | 5.75  | 505568028*                        | 2              |
| D    | C     | B     | A     | EMBOSSED<br>TAPE PKG<br>ORDER NO. | 極数<br>CKT. NO. |

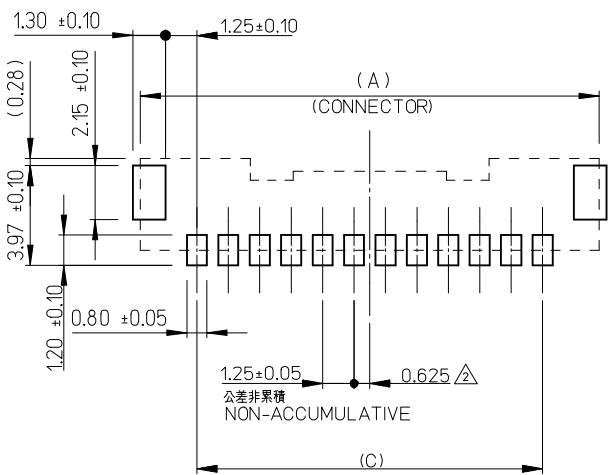
| 部品       | 材質                                                         |
|----------|------------------------------------------------------------|
| PART     | MATERIAL                                                   |
| ハウジング    | ポリアミド(PA)、ガラス充填、UL94 V-0、色：SHEET 2参照                       |
| HOUSING  | POLYAMIDE (PA), GLASS FILLED, UL94 V-0, COLOR: SEE SHEET 2 |
| ターミナル    | 黄銅                                                         |
|          | BRASS                                                      |
|          | 金めっき：0.1 MICRO-METER MIN.                                  |
| TERMINAL | AU PLATED                                                  |
|          | ニッケルめっき(下地)：1.0 MICRO-METER MIN.                           |
|          | NICKEL (UNDER-PLATED)                                      |
| ネール      | 黄銅                                                         |
|          | BRASS                                                      |
|          | 錫めっき：1.0 MICRO-METER MIN.                                  |
| NAIL     | MATTE TIN PLATED                                           |
|          | ニッケルめっき(下地)：1.0 MICRO-METER MIN.                           |
|          | NICKEL (UNDER-PLATED)                                      |

RELEASED  
EC NO: J2017-0274  
DRW:SSHIMONISHI 2016/11/22  
CHKD:KOMURAKAMI 2016/11/22  
APPR:TKANEKO 2016/12/13

DESCRIPTION

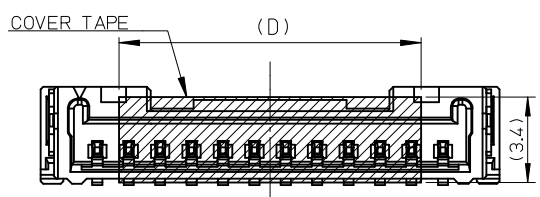
REV  
A

| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |           |       | DIMENSION STYLE<br>MM ONLY |             | SCALE<br>---                                                                                                                                  | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |  |  |  |
|------------------------------------------------------------|-----------|-------|----------------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------|--|--|--|
| 0.25 UNDER                                                 |           | ±0.03 | DRAWN BY                   | DATE        | TITLE<br>MICRO-LOCK PLUS 1.25 W/B<br>SINGLE ROW ST SMT<br>PLUG ASSY                                                                           |                        |                           |  |  |  |
| 0.25 OVER                                                  | 0.5 UNDER | ±0.05 | SSHIMONISHI                | 2016/11/22  |                                                                                                                                               |                        |                           |  |  |  |
| 0.5 OVER                                                   | 1.0 UNDER | ±0.1  | CHECKED BY                 | DATE        | DOCUMENT NO.<br>SD-505568-011                                                                                                                 |                        |                           |  |  |  |
| 1.0 OVER                                                   | 10 UNDER  | ±0.2  | KOMURAKAMI                 | 2016/11/22  |                                                                                                                                               |                        |                           |  |  |  |
| 10 OVER                                                    | 30 UNDER  | ±0.25 | APPROVED BY                | DATE        | SHEET NO.<br>1 OF 2                                                                                                                           |                        |                           |  |  |  |
| 30 OVER                                                    |           | ±0.3  | TKANEKO                    | 2016/12/13  |                                                                                                                                               |                        |                           |  |  |  |
| ANGULAR ±1 °                                               |           |       | MATERIAL NO.               |             | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |                           |  |  |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |           |       | SIZE<br>A3                 | SEE SHEET 2 |                                                                                                                                               |                        |                           |  |  |  |



推奨基板レイアウト  
RECCOMENDED PCB PATTERN LAYOUT

(参考:メタルマスク厚さ 150 μm, マスク開口率 100%)  
(REFERENCE: METAL MASK THICKNESS 150 μM, APERTURE RASIO 100%)



| ORANGE             | GREEN              | BLUE               | YELLOW             | RED                | BLACK              | NATURAL (BEIGE)    | HOUSING COLOR |
|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|
| 5055681688         | 5055681686         | 5055681684         | 5055681683         | 5055681682         | 5055681681         | 5055681680         | 16            |
| 5055681588         | 5055681586         | 5055681584         | 5055681583         | 5055681582         | 5055681581         | 5055681580         | 15            |
| 5055681488         | 5055681486         | 5055681484         | 5055681483         | 5055681482         | 5055681481         | 5055681480         | 14            |
| 5055681388         | 5055681386         | 5055681384         | 5055681383         | 5055681382         | 5055681381         | 5055681380         | 13            |
| 5055681288         | 5055681286         | 5055681284         | 5055681283         | 5055681282         | 5055681281         | 5055681280         | 12            |
| 5055681188         | 5055681186         | 5055681184         | 5055681183         | 5055681182         | 5055681181         | 5055681180         | 11            |
| 5055681088         | 5055681086         | 5055681084         | 5055681083         | 5055681082         | 5055681081         | 5055681080         | 10            |
| 5055680988         | 5055680986         | 5055680984         | 5055680983         | 5055680982         | 5055680981         | 5055680980         | 9             |
| 5055680888         | 5055680886         | 5055680884         | 5055680883         | 5055680882         | 5055680881         | 5055680880         | 8             |
| 5055680788         | 5055680786         | 5055680784         | 5055680783         | 5055680782         | 5055680781         | 5055680780         | 7             |
| 5055680688         | 5055680686         | 5055680684         | 5055680683         | 5055680682         | 5055680681         | 5055680680         | 6             |
| 5055680588         | 5055680586         | 5055680584         | 5055680583         | 5055680582         | 5055680581         | 5055680580         | 5             |
| 5055680488         | 5055680486         | 5055680484         | 5055680483         | 5055680482         | 5055680481         | 5055680480         | 4             |
| 5055680388         | 5055680386         | 5055680384         | 5055680383         | 5055680382         | 5055680381         | 5055680380         | 3             |
| 5055680288         | 5055680286         | 5055680284         | 5055680283         | 5055680282         | 5055680281         | 5055680280         | 2             |
| EMBOSSSED TAPE PKG | EMBOSSSED TAPE PKG | EMBOSSSED TAPE PKG | EMBOSSSED TAPE PKG | EMBOSSSED TAPE PKG | EMBOSSSED TAPE PKG | EMBOSSSED TAPE PKG | 極数<br>CKT NO. |
| ORDER NO.          | ORDER NO.          | ORDER NO.          | ORDER NO.          | ORDER NO.          | ORDER NO.          | ORDER NO.          |               |

SEE SHEET 1  
EC NO: J2017-0274  
DRW:SSHIMONISHI 2016/11/22  
CHKD:KOMURAKAMI 2016/11/22  
APPR:TKANEKO 2016/12/13

DESCRIPTION  
REV

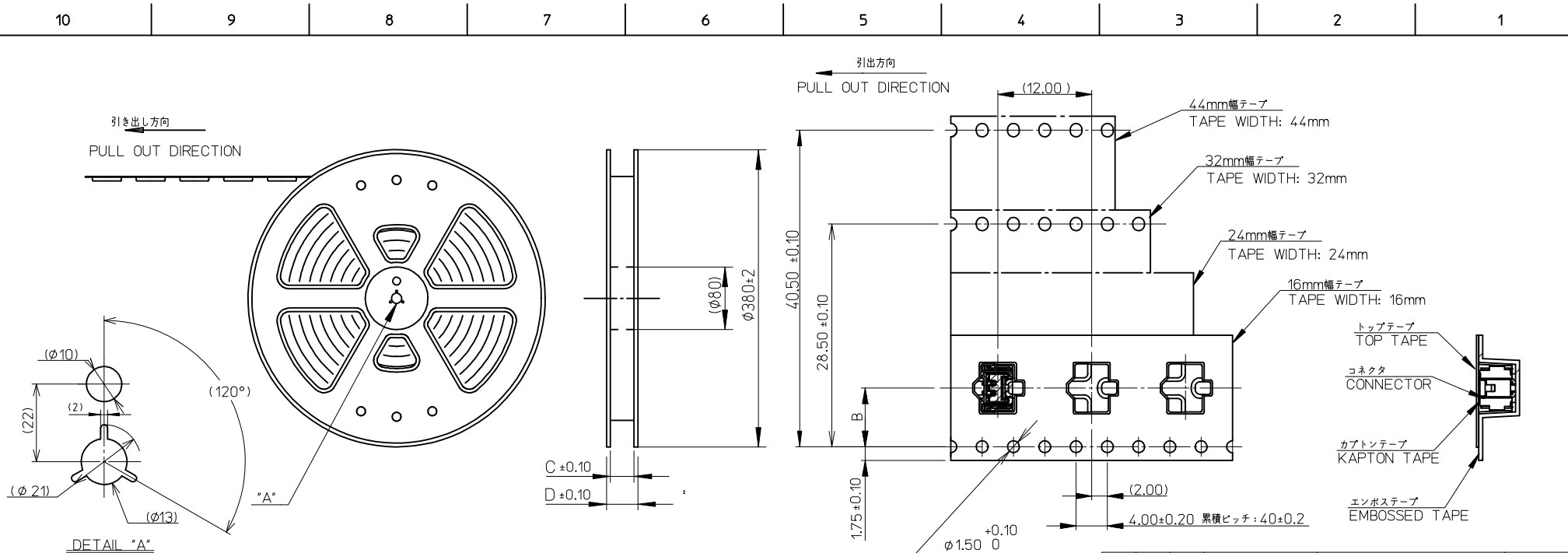
GENERAL TOLERANCES  
(UNLESS SPECIFIED)  
0.25 UNDER ±0.03  
0.25 OVER 0.5 UNDER ±0.05  
0.5 OVER 1.0 UNDER ±0.1  
1.0 OVER 10 UNDER ±0.2  
10 OVER 30 UNDER ±0.25  
30 OVER ±0.3  
ANGULAR ±1 °  
DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DIMENSION STYLE  
MM ONLY  
DRAWN BY DATE  
SSHIMONISHI 2016/11/22  
CHECKED BY DATE  
KOMURAKAMI 2016/11/22  
APPROVED BY DATE  
TKANEKO 2016/12/13  
MATERIAL NO.  
SEE CHART

SCALE  
---  
DESIGN UNITS  
METRIC  
THIRD ANGLE  
PROJECTION

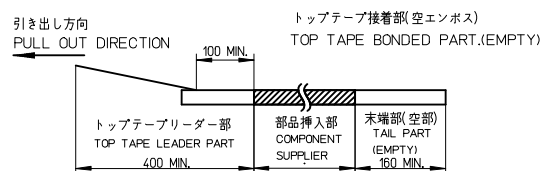
TITLE  
MICRO-LOCK PLUS 1.25 W/B  
SINGLE ROW ST SMT  
PLUG ASSY  
**molex**  
SD-505568-011  
SHEET NO.  
2 OF 2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



# NOTES

- 製品詳細寸法については、製品単体図面を参照ください。  
THE DETAIL DIMENSION REFER TO SALES DRAWING OF CONNECTOR ITSELF (NOT PACKAGED).
- 梱包数量：1200個/リール  
NUMBER OF CONNECTORS : 1200 PCS/REEL.
- リードテープ長さ LEAD TAPE LENGTH.



- トップテープの剥離強度はIEC60286-3に準拠  
TOP TAPE PEELING FORCE IS DEFINED BY IEC60286-3.

## 5.材料 MATERIAL

キャリアテープ (CARRIER TAPE) : ポリスチレン (POLYSTYRENE)  
トップテープ (TOP TAPE) : PET  
リール (REEL) : ポリスチレン <リサイクル材含む> (PS)  
POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>

- ELV及びRoHS適合品  
ELV AND RoHS COMPLIANT

|      |      |      |                                |                                                        |               |
|------|------|------|--------------------------------|--------------------------------------------------------|---------------|
| 49.4 | 45.4 | 20.2 | 44                             | 505568168*                                             | 16            |
| 49.4 | 45.4 | 20.2 | 44                             | 505568158*                                             | 15            |
| 49.4 | 45.4 | 20.2 | 44                             | 505568148*                                             | 14            |
| 37.4 | 33.4 | 14.2 | 32                             | 505568138*                                             | 13            |
| 37.4 | 33.4 | 14.2 | 32                             | 505568128*                                             | 12            |
| 37.4 | 33.4 | 14.2 | 32                             | 505568118*                                             | 11            |
| 37.4 | 33.4 | 14.2 | 32                             | 505568108*                                             | 10            |
| 29.4 | 25.4 | 11.5 | 24                             | 505568098*                                             | 9             |
| 29.4 | 25.4 | 11.5 | 24                             | 505568088*                                             | 8             |
| 29.4 | 25.4 | 11.5 | 24                             | 505568078*                                             | 7             |
| 29.4 | 25.4 | 11.5 | 24                             | 505568068*                                             | 6             |
| 29.4 | 25.4 | 11.5 | 24                             | 505568058*                                             | 5             |
| 29.4 | 25.4 | 11.5 | 24                             | 505568048*                                             | 4             |
| 21.4 | 17.4 | 7.5  | 16                             | 505568038*                                             | 3             |
| 21.4 | 17.4 | 7.5  | 16                             | 505568028*                                             | 2             |
| D    | C    | B    | エンボステープ幅<br>WIDTH OF TAPE<br>A | エンボス梱包<br>EMBOSSED TAPE PACKAGE<br>オーダー番号<br>ORDER NO. | 極数<br>CKT NO. |

|                                                                                                                            |                    |                                                            |  |       |                            |                                                                                                                                                  |                                                                                                                                                           |                        |                           |
|----------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------------------------------------|--|-------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------|
| RELEASED<br>EC NO: J2017-0274<br>DRWN:SSHIMONISHI 2016/11/22<br>CHKD:KOMURAKAMI 2016/11/22<br>APPR:TKANEKO 2016/12/13<br>A | DESCRIPTION<br>REV | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |  |       | DIMENSION STYLE<br>MM ONLY |                                                                                                                                                  | SCALE<br>---                                                                                                                                              | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |
|                                                                                                                            |                    | 0.25 UNDER                                                 |  | ±0.03 | DRAWN BY                   | DATE                                                                                                                                             | TITLE<br>MICRO-LOCK PLUS 1.25 W/B<br>SINGLE ROW ST SMT<br>EMBOSSED TAPE PKG<br><br><b>molex</b><br><br>DOCUMENT NO. SD-505568-012<br><br>SHEET NO. 1 OF 2 |                        |                           |
|                                                                                                                            |                    | 0.25 OVER 0.5 UNDER                                        |  | ±0.05 | SSHIMONISHI                | 2016/11/22                                                                                                                                       |                                                                                                                                                           |                        |                           |
|                                                                                                                            |                    | 0.5 OVER 1.0 UNDER                                         |  | ±0.1  | CHECKED BY                 | DATE                                                                                                                                             |                                                                                                                                                           |                        |                           |
|                                                                                                                            |                    | 1.0 OVER 10 UNDER                                          |  | ±0.2  | KOMURAKAMI                 | 2016/11/22                                                                                                                                       |                                                                                                                                                           |                        |                           |
|                                                                                                                            |                    | 10 OVER 30 UNDER                                           |  | ±0.25 | APPROVED BY                | DATE                                                                                                                                             |                                                                                                                                                           |                        |                           |
|                                                                                                                            |                    | 30 OVER                                                    |  | ±0.3  | TKANEKO                    | 2016/12/13                                                                                                                                       |                                                                                                                                                           |                        |                           |
|                                                                                                                            |                    | ANGULAR ±1 °                                               |  |       | MATERIAL NO.               |                                                                                                                                                  |                                                                                                                                                           |                        |                           |
|                                                                                                                            |                    |                                                            |  |       | SEE SHEET 2                |                                                                                                                                                  |                                                                                                                                                           |                        |                           |
|                                                                                                                            |                    | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |  |       | SIZE<br>A3                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC<br>TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                                                                                                           |                        |                           |

tb\_frame\_A3\_J\_AM\_S  
Rev J 2015/09/01