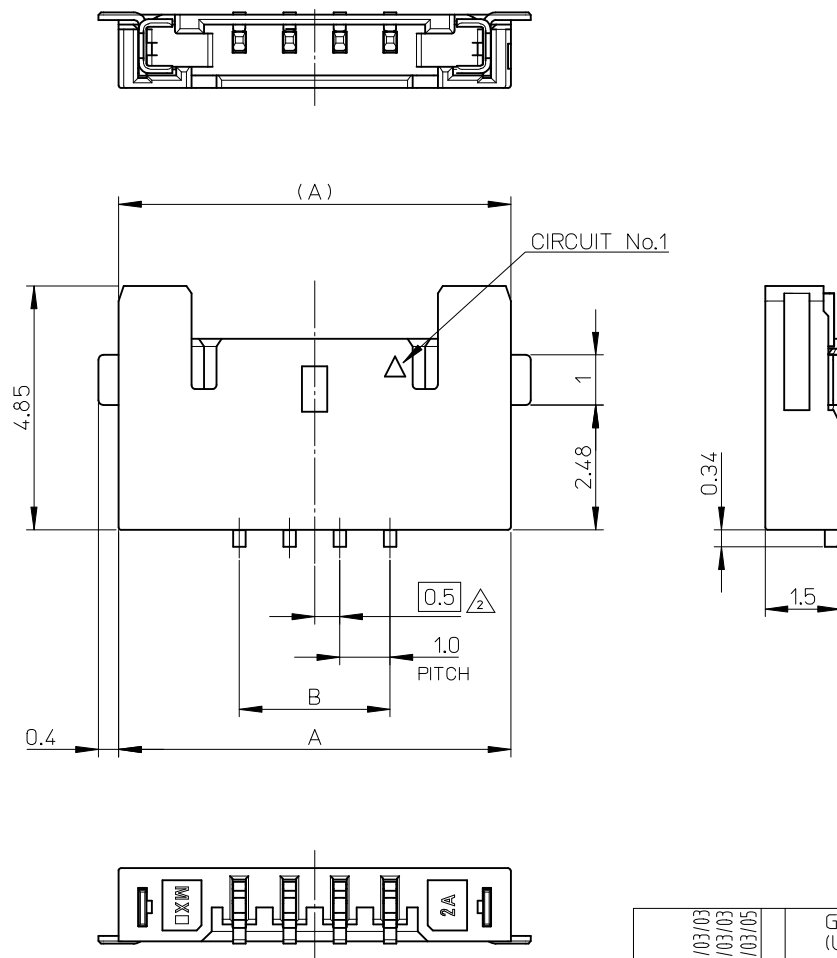




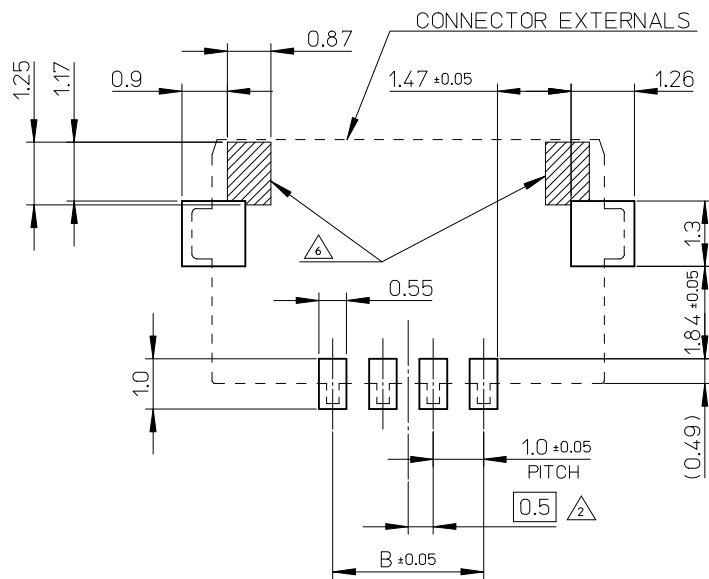
#### NOTE

1. 嵌合相手: 503764シリーズ  
MATES WITH: 503764 SERIES
2. 偶数極の製品に適用  
APPLY EVEN CIRCUIT PRODUCTS.
3. 材質  
MATERIAL  
ハウジング: 耐熱性樹脂 UL94-V0 BLACK  
HOUSING: HEATPROOF RESIN UL94-V0 BLACK  
ターミナル: 銅合金  
TERMINAL: COPPER ALLOY  
ネール: 銅合金  
NAIL: COPPER ALLOY
4. メッキ  
PLATING  
ターミナル: 下地 ニッケルメッキ、コンタクト及びテール部 金メッキ  
TERMINAL: UNDER NICKEL PLATING, CONTACT AND TAIL GOLD PLATING  
ネール: 下地 ニッケルメッキ、銅メッキ  
NAIL: UNDER NICKEL PLATING, TIN
5. ELV及びRoHS適合品  
ELV AND RoHS COMPLIANT.
6. パターン禁止エリア  
PATTERN PROHIBITION AREA
7. ソルダータールとネールの平坦度: 0.1mmMAX.  
SOLDER TAIL AND FITTING NAIL COPLANARITY: 0.1mmMAX.
8. コネクタの取扱いについては、AS-503764-001/002を参照  
PLEASE REFER TO AS-503764-001/002

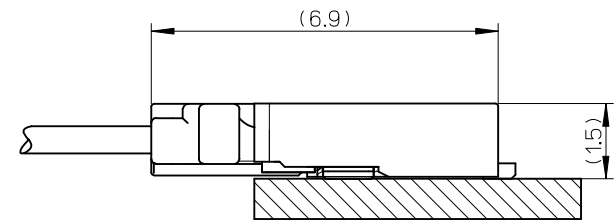
|     |     |                  |         |
|-----|-----|------------------|---------|
| 3.0 | 7.8 | 5037630491       | 4       |
| 1.0 | 5.8 | 5037630291       | 2       |
| B   | A   | EMBOSSED PACKAGE | CIRCUIT |
|     |     | ORDER No.        |         |

CONNECTOR SERIES No. 503763 - \*\*91

|         |                                       |             |            |                                                                                                                                  |               |              |             |                                          |        |                            |  |                                                                |                        |                           |  |
|---------|---------------------------------------|-------------|------------|----------------------------------------------------------------------------------------------------------------------------------|---------------|--------------|-------------|------------------------------------------|--------|----------------------------|--|----------------------------------------------------------------|------------------------|---------------------------|--|
| REVISED | EC NO: J2014-1278                     | DRWN: YWAKE | 2014/03/03 | CHKD: KASAKAWA                                                                                                                   | 2014/03/03    | APPR: NUKITA | DESCRIPTION | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |        | DIMENSION STYLE<br>MM ONLY |  | SCALE<br>10:1                                                  | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |  |
|         |                                       |             |            |                                                                                                                                  |               |              |             | 10 UNDER ± 0.2                           |        | DRAWN BY DATE              |  | TITLE<br>1.0 WIRE TO BOARD CONN.<br>R/A H=15MM<br>HEADER ASS'Y |                        |                           |  |
|         |                                       |             |            |                                                                                                                                  |               |              |             | 10 OVER 30 UNDER ± 0.25                  |        | CHECKED BY DATE            |  |                                                                |                        |                           |  |
|         |                                       |             |            |                                                                                                                                  |               |              |             | 30 OVER ± 0.3                            |        | APPROVED BY DATE           |  | molex                                                          |                        |                           |  |
|         |                                       |             |            |                                                                                                                                  |               |              |             | ANGULAR ±1 °                             |        | MATERIAL NO.               |  |                                                                |                        |                           |  |
|         | DRAFT WHERE APPLICABLE<br>MUST REMAIN |             | SEE CHART  |                                                                                                                                  | SD-503763-001 |              |             |                                          | 1 OF 2 |                            |  |                                                                |                        |                           |  |
|         | WITHIN DIMENSIONS                     |             | SIZE<br>A3 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |               |              |             |                                          |        |                            |  |                                                                |                        |                           |  |
|         | A                                     | REV         |            |                                                                                                                                  |               |              |             |                                          |        |                            |  |                                                                |                        |                           |  |

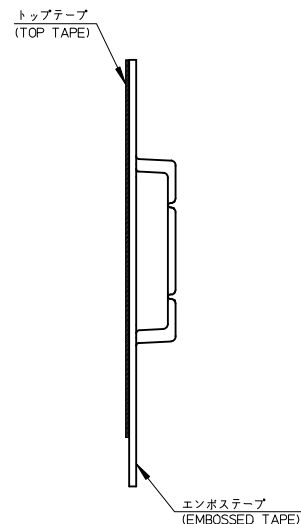
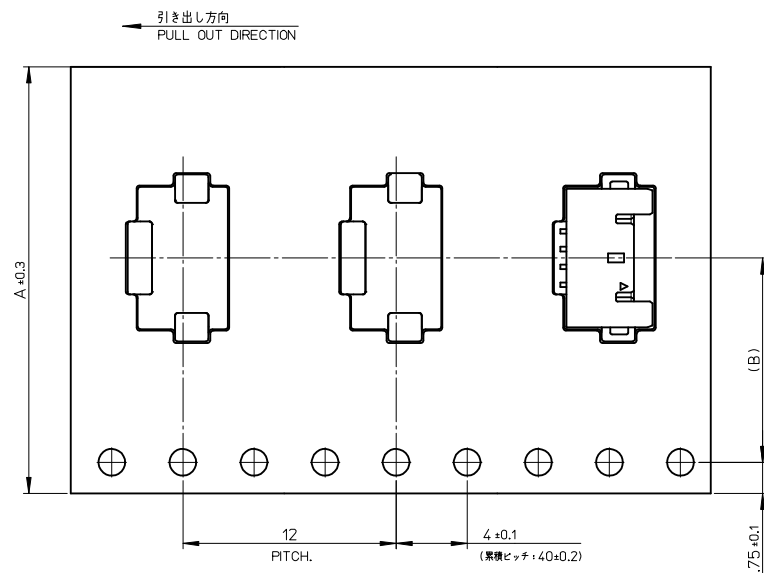


RECOMMENDED PATTERN LAYOUT (REF.)



MATED CONNECTORS

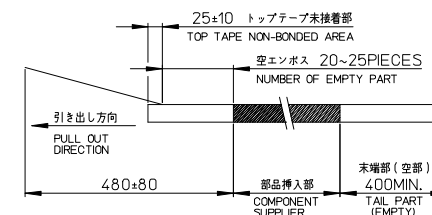
|                                                                                                                    |                                                            |                                          |             |                            |                                                                                                                                  |                                                                 |                        |                           |  |  |
|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------------|-------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|------------------------|---------------------------|--|--|
| SEE SHEET 1<br>EC NO: J2014-4278<br>DRWN: YWAKE 2014/03/03<br>CHKD: KASAKAWA 2014/03/03<br>APPR: NUKITA 2014/03/05 | DESCRIPTION                                                | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |             | DIMENSION STYLE<br>MM ONLY |                                                                                                                                  | SCALE<br>10:1                                                   | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |  |  |
|                                                                                                                    |                                                            | 10 UNDER                                 | ± 0.2       | DRAWN BY<br>YWAKE          | DATE<br>2014/03/03                                                                                                               | TITLE<br>1.0 WIRE TO BOARD CONN.<br>R/A H=1.5MM<br>HEADER ASS'Y |                        |                           |  |  |
|                                                                                                                    |                                                            | 10 OVER 30 UNDER                         | ± 0.25      | CHECKED BY<br>KASAKAWA     | DATE<br>2014/03/03                                                                                                               |                                                                 |                        |                           |  |  |
|                                                                                                                    |                                                            | 30 OVER                                  | ± 0.3       | APPROVED BY<br>NUKITA      | DATE<br>2014/03/05                                                                                                               | molex                                                           |                        |                           |  |  |
|                                                                                                                    |                                                            | ANGULAR ±1 °                             |             | MATERIAL NO.               |                                                                                                                                  |                                                                 |                        |                           |  |  |
|                                                                                                                    | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                          | SEE SHEET 1 |                            | SD-503763-001                                                                                                                    |                                                                 |                        | 2 OF 2                    |  |  |
| A                                                                                                                  | REV                                                        |                                          |             | SIZE<br>A3                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                 |                        |                           |  |  |



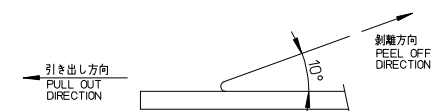
## NOTE

1. 梱包数量: 3000個 / リール  
NUMBER OF CONNECTORS: 3000 PIECES/REEL

2. リードテープ長さ  
LEAD TAPE LENGTH



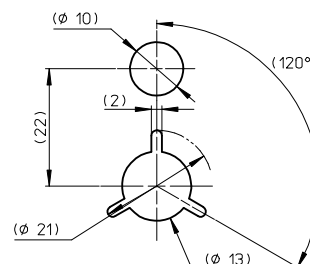
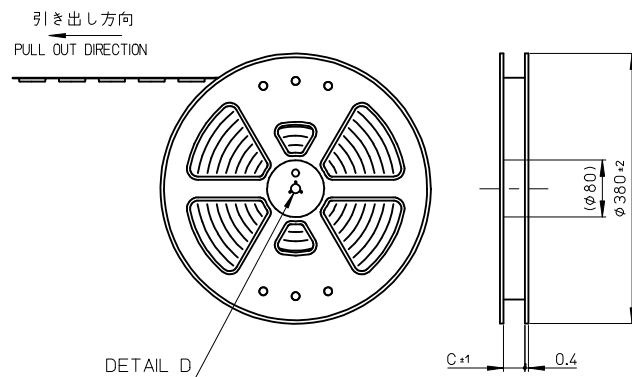
3. トップテープの剥離強度: JES-59参照  
剥離方向は下記参照。  
<剥離速度: 300mm/minute (参考)>  
PEELING OFF FORCE OF TOP TAPE: REFER TO JES-59  
PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE.  
<PEELING OFF SPEED: 300mm/minute (REFERENCE)>



4. 材料 MATERIAL  
キャリアテープ (CARRIER TAPE): PS  
トップテープ (TOP TAPE): PE, PE, PET  
リール (リサイクル材を含む RECYCLE MATERIAL CONTAINED)

5. 製品詳細寸法についてはSD-503763-001を参照ください。  
PLEASE REFER SD-503763-001 FOR THE DETAILED DIMENSION.

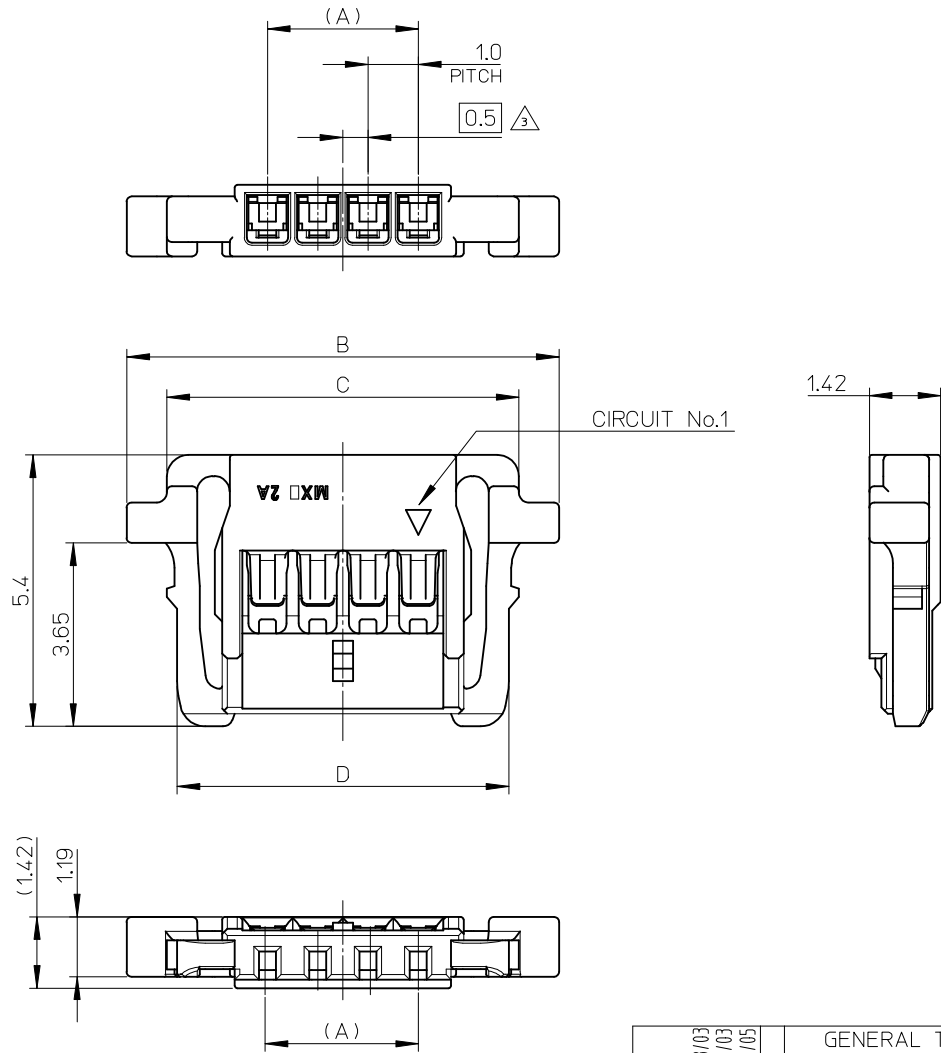
6. 環境負荷物質の管理の「化学物質ガイドライン」の内容を満足する事。  
CHEMICAL SUBSTANCES GUIDELINE MANAGEMENT OF ENVIRONMENTAL HAZARDOUS MATERIALS.



DETAIL "D"

|      |      |                    |              |         |
|------|------|--------------------|--------------|---------|
| 25.5 | 11.5 | 24                 | 503763-0491  | 4       |
| 17.5 | 7.5  | 16                 | 503763-0291  | 2       |
| C    | B    | A<br>WIDTH OF TAPE | MATERIAL No. | CIRCUIT |

|                                                                                                                           |                                                            |                                          |                                                                                                                                  |                            |              |                                                                 |                        |                           |  |  |
|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------|-----------------------------------------------------------------|------------------------|---------------------------|--|--|
| RELEASED<br>EC NO: J2014-1278<br>2014/02/28<br>DRAWN: YWAKE<br>CHKD: KASAKAWA<br>2014/02/28<br>APPR: NUKITA<br>2014/03/05 | 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                                                                                                                            | YWAKE                      | 2014/02/28   | EMBOSS TAPE PACKAGE<br>FOR 503763-****<br>(1.0WB CONN. H=1.5MM) |                        |                           |  |  |
|                                                                                                                           |                                                            | 10 OVER 30 UNDER                         | ± 0.25                                                                                                                           | CHECKED BY                 | DATE         |                                                                 |                        |                           |  |  |
|                                                                                                                           |                                                            | 30 OVER                                  | ± 0.3                                                                                                                            | APPROVED BY                | DATE         |                                                                 |                        |                           |  |  |
|                                                                                                                           |                                                            | ANGULAR                                  | ± 3 °                                                                                                                            | NUKITA                     | 2014/03/05   | molex                                                           |                        |                           |  |  |
|                                                                                                                           | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                          | MATERIAL NO.                                                                                                                     |                            | DOCUMENT NO. |                                                                 |                        |                           |  |  |
|                                                                                                                           | REV                                                        | SEE CHART                                |                                                                                                                                  | SD-503763-002              |              | 1 OF 1                                                          |                        |                           |  |  |
|                                                                                                                           |                                                            | SIZE<br>A2                               | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                            |              |                                                                 |                        |                           |  |  |
|                                                                                                                           |                                                            |                                          |                                                                                                                                  |                            |              |                                                                 |                        |                           |  |  |



NOTE

1. 嵌合相手: 503763シリーズ  
MATES WITH: 503763 SERIES
2. 適合ターミナル: 503765シリーズ  
APPLICABLE TERMINAL: 503765 SERIES  
偶数極に適用  
APPLY EVEN CIRCUIT PRODUCTS
4. 材料  
MATERIAL  
耐熱性樹脂 UL94-V0 BLACK  
HEATPROOF RESIN UL94-V0 BLACK
5. ELV及びRoHS適合品  
ELV AND ROHS COMPLIANT
6. コネクタの取扱いについては、AS-503764-001/002を参照  
PLEASE REFER TO AS-503764-001/002

|     |   |     |     |            |         |
|-----|---|-----|-----|------------|---------|
| 6.6 | 7 | 8.6 | 3.0 | 5037640401 | 4       |
| 4.6 | 5 | 6.6 | 1.0 | 5037640201 | 2       |
| D   | C | B   | A   | ORDER No.  | CIRCUIT |

|                                                                                                                          |             |                                                                                                                                  |        |                            |                    |                                                                      |                        |                           |  |  |
|--------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------|--------|----------------------------|--------------------|----------------------------------------------------------------------|------------------------|---------------------------|--|--|
| RELEASED<br>EC NO: J2014-1278<br>2014/03/03<br>DRWN: YWAKE<br>CHKD: KASAKAWA<br>APPR: NUKITA<br>2014/03/03<br>2014/03/05 | DESCRIPTION | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                         |        | DIMENSION STYLE<br>MM ONLY |                    | SCALE<br>10:1                                                        | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |  |  |
|                                                                                                                          |             | 10 UNDER                                                                                                                         | ± 0.2  | DRAWN BY<br>YWAKE          | DATE<br>2014/03/03 | TITLE<br>1.0 WIRE TO BOARD CONN.<br>R/A H=1.5MM<br>REC CRIMP HOUSING |                        |                           |  |  |
|                                                                                                                          |             | 10 OVER 30 UNDER                                                                                                                 | ± 0.25 | CHECKED BY<br>KASAKAWA     | DATE<br>2014/03/03 |                                                                      |                        |                           |  |  |
|                                                                                                                          |             | 30 OVER                                                                                                                          | ± 0.3  | APPROVED BY<br>NUKITA      | DATE<br>2014/03/05 | molex                                                                |                        |                           |  |  |
|                                                                                                                          |             | ANGULAR ±3 °                                                                                                                     |        | MATERIAL NO.<br>SEE CHART  |                    |                                                                      |                        |                           |  |  |
|                                                                                                                          |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                       |        |                            |                    |                                                                      |                        |                           |  |  |
|                                                                                                                          | REV<br>A    | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |        |                            |                    |                                                                      |                        |                           |  |  |