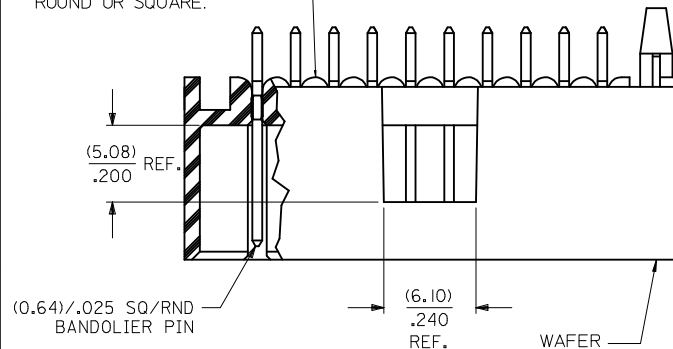
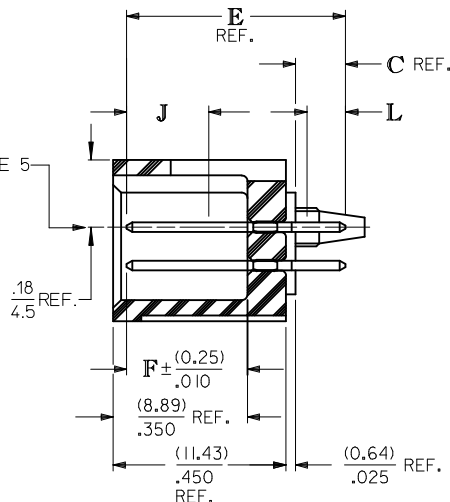
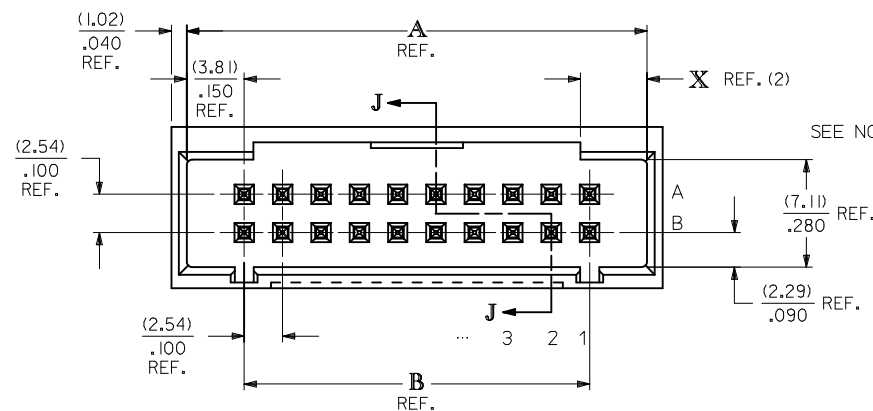


STAND OFFS CAN BE EITHER  
ROUND OR SQUARE.



#### NOTES:

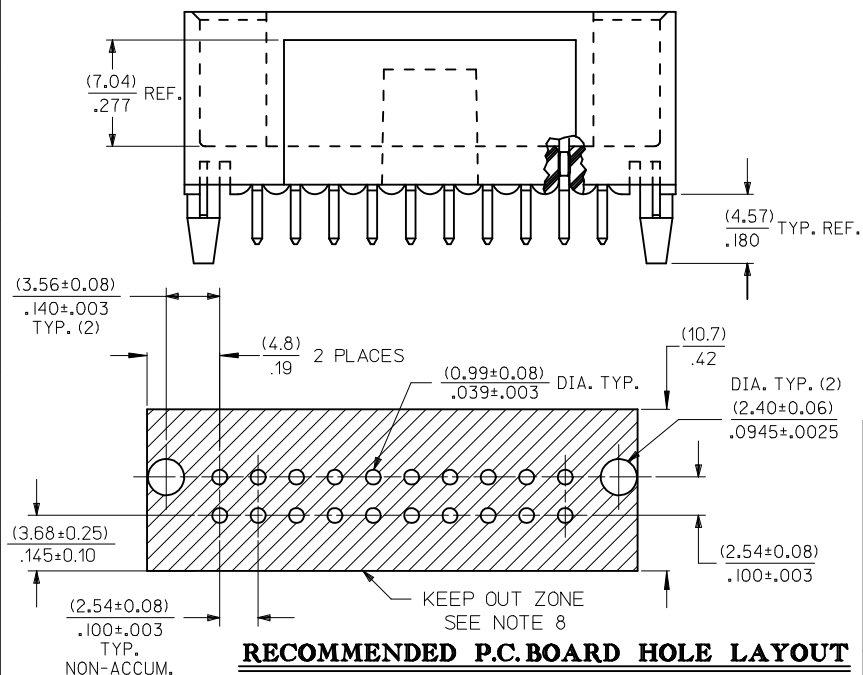
1. MATERIAL: WAFER - GLASS FILLED LIQUID CRYSTAL POLYMER, UL 94V-0, COLOR: BLACK, PIN: COPPER ALLOY.
2. PLATING: TIN  
TIN(Sn) ALLOY OVER ENTIRE PIN: THICKNESS = (3.81 MICROMETER)/ 150 MICROINCH MINIMUM;  
NICKEL (Ni) UNDERPLATE OVER ENTIRE PIN.  
15 GOLD SELECTIVE GOLD (Au) IN THE CONTACT AREA: THICKNESS = (0.38 MICROMETER)/ 15 MICROINCH MINIMUM;  
SELECTIVE TIN (Sn) ALLOY IN THE PC TAIL AREA: THICKNESS = (1.91 MICROMETER)/ 75 MICROINCH MINIMUM;  
NICKEL (Ni) UNDERPLATE OVER ENTIRE PIN.  
30 GOLD SELECTIVE GOLD (Au) IN THE CONTACT AREA: THICKNESS = (0.76 MICROMETER)/ 30 MICROINCH MINIMUM;  
SELECTIVE TIN (Sn) ALLOY IN THE PC TAIL AREA: THICKNESS = (1.91 MICROMETER)/ 75 MICROINCH MINIMUM;  
NICKEL (Ni) UNDERPLATE OVER ENTIRE PIN.  
\* THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS  
DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC".  
CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.
3. PRODUCT SPECIFICATION: PS-70567.
4. PACKAGING: SEE CHARTS
5. PIN PUSHOUT FORCE: 4 LBS. MIN. IN DIRECTION INDICATED.
6. FOR ILLUSTRATION PURPOSES, 20 (DUAL 10) CIRCUIT SIZE IS SHOWN.
7. PINS MUST MEET SOLDERABILITY SPEC. SMES-152.  
EXCEPT VOIDS ARE PERMISSIBLE AT BANDOLIER PIN FAYING SURFACE. (APPROX. (0.64)/.025 LNG X (0.15)/.006 WD. REF.) - 2 LOCATIONS
8. NO FEATURES WHICH RISE ABOVE THE PCB SURFACE ALLOWED IN THIS AREA.
9. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.



#### SECTION J-J

| CKT.<br>SIZE | DIM. A REF. |       | DIM. B REF. |       | DIM. X REF. |      |
|--------------|-------------|-------|-------------|-------|-------------|------|
|              | (MM)        | INCH  | (MM)        | INCH  | (MM)        | INCH |
| 6            | (12.70)     | .500  | (5.08)      | .200  | (3.18)      | .125 |
| 8            | (15.24)     | .600  | (7.62)      | .300  | (4.42)      | .174 |
| 10           | (17.78)     | .700  | (10.16)     | .400  | (4.42)      | .174 |
| 12           | (20.32)     | .800  | (12.70)     | .500  | (4.42)      | .174 |
| 14           | (22.86)     | .900  | (15.24)     | .600  | (4.42)      | .174 |
| 16           | (25.40)     | 1.000 | (17.78)     | .700  | (4.42)      | .174 |
| 18           | (27.94)     | 1.100 | (20.32)     | .800  | (4.42)      | .174 |
| 20           | (30.48)     | 1.200 | (22.86)     | .900  | (4.42)      | .174 |
| 22           | (33.02)     | 1.300 | (25.40)     | 1.000 | (4.42)      | .174 |
| 24           | (35.56)     | 1.400 | (27.94)     | 1.100 | (4.42)      | .174 |
| 26           | (38.10)     | 1.500 | (30.48)     | 1.200 | (4.42)      | .174 |
| 28           | (40.64)     | 1.600 | (33.02)     | 1.300 | (4.42)      | .174 |
| 30           | (43.18)     | 1.700 | (35.56)     | 1.400 | (4.42)      | .174 |
| 32           | (45.72)     | 1.800 | (38.10)     | 1.500 | (4.42)      | .174 |
| 34           | (48.26)     | 1.900 | (40.64)     | 1.600 | (4.42)      | .174 |
| 36           | (50.80)     | 2.000 | (43.18)     | 1.700 | (4.42)      | .174 |
| 38           | (53.34)     | 2.100 | (45.72)     | 1.800 | (4.42)      | .174 |
| 40           | (55.88)     | 2.200 | (48.26)     | 1.900 | (4.42)      | .174 |
| 42           | (58.42)     | 2.300 | (50.80)     | 2.000 | (4.42)      | .174 |
| 44           | (60.96)     | 2.400 | (53.34)     | 2.100 | (4.42)      | .174 |
| 46           | (63.50)     | 2.500 | (55.88)     | 2.200 | (4.42)      | .174 |
| 48           | (66.04)     | 2.600 | (58.42)     | 2.300 | (4.42)      | .174 |
| 50           | (68.58)     | 2.700 | (60.96)     | 2.400 | (4.42)      | .174 |
| 52           | (71.12)     | 2.800 | (63.50)     | 2.500 | (4.42)      | .174 |
| 54           | (73.66)     | 2.900 | (66.04)     | 2.600 | (4.42)      | .174 |
| 56           | (76.20)     | 3.000 | (68.58)     | 2.700 | (4.42)      | .174 |
| 58           | (78.74)     | 3.100 | (71.12)     | 2.800 | (4.42)      | .174 |
| 60           | (81.28)     | 3.200 | (73.66)     | 2.900 | (4.42)      | .174 |
| 62           | (83.82)     | 3.300 | (76.20)     | 3.000 | (4.42)      | .174 |
| 64           | (86.36)     | 3.400 | (78.74)     | 3.100 | (4.42)      | .174 |
| 66           | (88.90)     | 3.500 | (81.28)     | 3.200 | (4.42)      | .174 |
| 68           | (91.44)     | 3.600 | (83.82)     | 3.300 | (4.42)      | .174 |
| 70           | (93.98)     | 3.700 | (86.36)     | 3.400 | (4.42)      | .174 |
| 72           | (96.52)     | 3.800 | (88.90)     | 3.500 | (4.42)      | .174 |

|     |     |
|-----|-----|
| 2   | G   |
| 1   | H   |
| SHT | REV |



#### RECOMMENDED P.C. BOARD HOLE LAYOUT

MODIFIED NOTES  
EC NO: UCP2009-0336  
DRAWN: KLOSTERMEIER 2008/09/23  
CHKD: JEBELL 2008/09/24  
APPR: FSMITH 2008/09/25

QUALITY  
SYMBOLS  
▽=0  
▽=0

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

|                 | mm     | INCH   |
|-----------------|--------|--------|
| 4 PLACES ± ---  | ± ---  | ± ---  |
| 3 PLACES ± ---  | ± .005 | ± .005 |
| 2 PLACES ± 0.13 | ± .01  | ± .01  |
| 1 PLACE ± 0.25  | ± ---  | ± ---  |

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DIMENSION STYLE  
MM/IN

DRAWN BY DATE  
SMR 1993/11/10

CHECKED BY DATE  
SMR 1993/11/10

APPROVED BY DATE

MATERIAL NO.  
SEE TABLE

SIZE  
C

SCALE  
4:1

DESIGN UNITS  
INCH

THIRD ANGLE  
PROJECTION

SALES ASSY - DUAL ROW  
SHROUDED WAFER/HI TEMP  
.25SQ/RND PINS .100 GRID

MOLEX INCORPORATED

DOCUMENT NO.  
SDA-70568-\*\*\*\*

SHEET NO.  
1 OF 2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX  
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

|                                        |                                  |                               |              |            |                |                 |                       |            |              |                       |                        |                        |                        |                                             |    |
|----------------------------------------|----------------------------------|-------------------------------|--------------|------------|----------------|-----------------|-----------------------|------------|--------------|-----------------------|------------------------|------------------------|------------------------|---------------------------------------------|----|
|                                        | 13                               | 12                            | 11           | 10         | 9              | 8               | 7                     | 6          | 5            | 4                     | 3                      | 2                      | 1                      |                                             |    |
| J                                      | ENGINEERING<br>NUMBER<br>A-70568 | RELEASE<br>FOR<br>MANUFACTURE |              |            | C<br>REF.      | E<br>REF.       | F<br>± (0.25)<br>.010 |            |              | CONNECTOR END PLATING |                        | P.C. BOARD END PLATING |                        | SEE PACK<br>INFORMA.<br>DRAWING<br>PK-70873 |    |
|                                        |                                  |                               |              |            |                |                 |                       |            |              | TYPE                  | J<br>MINIMUM<br>LENGTH | TYPE                   | L<br>MINIMUM<br>LENGTH |                                             |    |
|                                        | -0001/0034                       | R.F.M.                        |              |            | (3.30)<br>.130 | (14.48)<br>.570 | (8.00)<br>.315        |            |              | TIN                   | OVER-<br>ALL           | TIN                    | OVER-<br>ALL           | -0018                                       |    |
| I                                      | -0035/-0068                      | R.F.M.                        |              |            | (3.30)<br>.130 | (14.48)<br>.570 | (8.00)<br>.315        |            |              | 15 GOLD               | (5.08)<br>.200         | TIN                    | (3.56)<br>.140         | -0018                                       |    |
|                                        | -0069/-0102                      | R.F.M.                        |              |            | (3.30)<br>.130 | (14.48)<br>.570 | (8.00)<br>.315        |            |              | 30 GOLD               | (5.08)<br>.200         | TIN                    | (3.56)<br>.140         | -0018                                       |    |
| H                                      | -0103/-0136                      |                               |              |            |                |                 |                       |            |              |                       |                        |                        |                        |                                             |    |
|                                        | -0137/-0170                      |                               |              |            |                |                 |                       |            |              |                       |                        |                        |                        |                                             |    |
|                                        | -0171/-0204                      |                               |              |            |                |                 |                       |            |              |                       |                        |                        |                        |                                             |    |
|                                        | -0205/-0238                      |                               |              |            |                |                 |                       |            |              |                       |                        |                        |                        |                                             |    |
| G                                      |                                  |                               |              |            |                |                 |                       |            |              |                       |                        |                        |                        |                                             |    |
| G                                      | CKTS                             | EDP NUMBER                    | ENG NUMBER   | EDP NUMBER | ENG NUMBER     | EDP NUMBER      | ENG NUMBER            | EDP NUMBER | ENG NUMBER   | EDP NUMBER            | ENG NUMBER             | EDP NUMBER             | ENG NUMBER             | CKTS                                        |    |
|                                        | 06                               | I5-47-7506                    | A-70568-0001 | I5-47-7606 | A-70568-0035   | I5-47-7706      | A-70568-0069          |            | A-70568-0103 |                       | A-70568-0137           |                        | A-70568-0171           | A-70568-0205                                | 06 |
| F                                      | 08                               | I5-47-7508                    | A-70568-0002 | I5-47-7608 | A-70568-0036   | I5-47-7708      | A-70568-0070          |            | A-70568-0104 |                       | A-70568-0138           |                        | A-70568-0172           | A-70568-0206                                | 08 |
|                                        | 10                               | I5-47-7510                    | A-70568-0003 | I5-47-7610 | A-70568-0037   | I5-47-7710      | A-70568-0071          |            | A-70568-0105 |                       | A-70568-0139           |                        | A-70568-0173           | A-70568-0207                                | 10 |
| E                                      | 12                               | I5-47-7512                    | A-70568-0004 | I5-47-7612 | A-70568-0038   | I5-47-7712      | A-70568-0072          |            | A-70568-0106 |                       | A-70568-0140           |                        | A-70568-0174           | A-70568-0208                                | 12 |
|                                        | 14                               | I5-47-7514                    | A-70568-0005 | I5-47-7614 | A-70568-0039   | I5-47-7714      | A-70568-0073          |            | A-70568-0107 |                       | A-70568-0141           |                        | A-70568-0175           | A-70568-0209                                | 14 |
| D                                      | 16                               | I5-47-7516                    | A-70568-0006 | I5-47-7616 | A-70568-0040   | I5-47-7716      | A-70568-0074          |            | A-70568-0108 |                       | A-70568-0142           |                        | A-70568-0176           | A-70568-0210                                | 16 |
|                                        | 18                               | I5-47-7518                    | A-70568-0007 | I5-47-7618 | A-70568-0041   | I5-47-7718      | A-70568-0075          |            | A-70568-0109 |                       | A-70568-0143           |                        | A-70568-0177           | A-70568-0211                                | 18 |
| C                                      | 20                               | I5-47-7520                    | A-70568-0008 | I5-47-7620 | A-70568-0042   | I5-47-7720      | A-70568-0076          |            | A-70568-0110 |                       | A-70568-0144           |                        | A-70568-0178           | A-70568-0212                                | 20 |
|                                        | 22                               | I5-47-7522                    | A-70568-0009 | I5-47-7622 | A-70568-0043   | I5-47-7722      | A-70568-0077          |            | A-70568-0111 |                       | A-70568-0145           |                        | A-70568-0179           | A-70568-0213                                | 22 |
| B                                      | 24                               | I5-47-7524                    | A-70568-0010 | I5-47-7624 | A-70568-0044   | I5-47-7724      | A-70568-0078          |            | A-70568-0112 |                       | A-70568-0146           |                        | A-70568-0180           | A-70568-0214                                | 24 |
|                                        | 26                               | I5-47-7526                    | A-70568-0011 | I5-47-7626 | A-70568-0045   | I5-47-7726      | A-70568-0079          |            | A-70568-0113 |                       | A-70568-0147           |                        | A-70568-0181           | A-70568-0215                                | 26 |
| A                                      | 28                               | I5-47-7528                    | A-70568-0012 | I5-47-7628 | A-70568-0046   | I5-47-7728      | A-70568-0080          |            | A-70568-0114 |                       | A-70568-0148           |                        | A-70568-0182           | A-70568-0216                                | 28 |
|                                        | 30                               | I5-47-7530                    | A-70568-0013 | I5-47-7630 | A-70568-0047   | I5-47-7730      | A-70568-0081          |            | A-70568-0115 |                       | A-70568-0149           |                        | A-70568-0183           | A-70568-0217                                | 30 |
| Z                                      | 32                               | I5-47-7532                    | A-70568-0014 | I5-47-7632 | A-70568-0048   | I5-47-7732      | A-70568-0082          |            | A-70568-0116 |                       | A-70568-0150           |                        | A-70568-0184           | A-70568-0218                                | 32 |
|                                        | 34                               | I5-47-7534                    | A-70568-0015 | I5-47-7634 | A-70568-0049   | I5-47-7734      | A-70568-0083          |            | A-70568-0117 |                       | A-70568-0151           |                        | A-70568-0185           | A-70568-0219                                | 34 |
| Y                                      | 36                               | I5-47-7536                    | A-70568-0016 | I5-47-7636 | A-70568-0050   | I5-47-7736      | A-70568-0084          |            | A-70568-0118 |                       | A-70568-0152           |                        | A-70568-0186           | A-70568-0220                                | 36 |
|                                        | 38                               | I5-47-7538                    | A-70568-0017 | I5-47-7638 | A-70568-0051   | I5-47-7738      | A-70568-0085          |            | A-70568-0119 |                       | A-70568-0153           |                        | A-70568-0187           | A-70568-0221                                | 38 |
| X                                      | 40                               | I5-47-7540                    | A-70568-0018 | I5-47-7640 | A-70568-0052   | I5-47-7740      | A-70568-0086          |            | A-70568-0120 |                       | A-70568-0154           |                        | A-70568-0188           | A-70568-0222                                | 40 |
|                                        | 42                               | I5-47-7542                    | A-70568-0019 | I5-47-7642 | A-70568-0053   | I5-47-7742      | A-70568-0087          |            | A-70568-0121 |                       | A-70568-0155           |                        | A-70568-0189           | A-70568-0223                                | 42 |
| W                                      | 44                               | I5-47-7544                    | A-70568-0020 | I5-47-7644 | A-70568-0054   | I5-47-7744      | A-70568-0088          |            | A-70568-0122 |                       | A-70568-0156           |                        | A-70568-0190           | A-70568-0224                                | 44 |
|                                        | 46                               | I5-47-7546                    | A-70568-0021 | I5-47-7646 | A-70568-0055   | I5-47-7746      | A-70568-0089          |            | A-70568-0123 |                       | A-70568-0157           |                        | A-70568-0191           | A-70568-0225                                | 46 |
| V                                      | 48                               | I5-47-7548                    | A-70568-0022 | I5-47-7648 | A-70568-0056   | I5-47-7748      | A-70568-0090          |            | A-70568-0124 |                       | A-70568-0158           |                        | A-70568-0192           | A-70568-0226                                | 48 |
|                                        | 50                               | I5-47-7550                    | A-70568-0023 | I5-47-7650 | A-70568-0057   | I5-47-7750      | A-70568-0091          |            | A-70568-0125 |                       | A-70568-0159           |                        | A-70568-0193           | A-70568-0227                                | 50 |
| U                                      | 52                               | I5-47-7552                    | A-70568-0024 | I5-47-7652 | A-70568-0058   | I5-47-7752      | A-70568-0092          |            | A-70568-0126 |                       | A-70568-0160           |                        | A-70568-0194           | A-70568-0228                                | 52 |
|                                        | 54                               | I5-47-7554                    | A-70568-0025 | I5-47-7654 | A-70568-0059   | I5-47-7754      | A-70568-0093          |            | A-70568-0127 |                       | A-70568-0161           |                        | A-70568-0195           | A-70568-0229                                | 54 |
| T                                      | 56                               | I5-47-7556                    | A-70568-0026 | I5-47-7656 | A-70568-0060   | I5-47-7756      | A-70568-0094          |            | A-70568-0128 |                       | A-70568-0162           |                        | A-70568-0196           | A-70568-0230                                | 56 |
|                                        | 58                               | I5-47-7558                    | A-70568-0027 | I5-47-7658 | A-70568-0061   | I5-47-7758      | A-70568-0095          |            | A-70568-0129 |                       | A-70568-0163           |                        | A-70568-0197           | A-70568-0231                                | 58 |
| S                                      | 60                               | I5-47-7560                    | A-70568-0028 | I5-47-7660 | A-70568-0062   | I5-47-7760      | A-70568-0096          |            | A-70568-0130 |                       | A-70568-0164           |                        | A-70568-0198           | A-70568-0232                                | 60 |
|                                        | 62                               | I5-47-7562                    | A-70568-0029 | I5-47-7662 | A-70568-0063   | I5-47-7762      | A-70568-0097          |            | A-70568-0131 |                       | A-70568-0165           |                        | A-70568-0199           | A-70568-0233                                | 62 |
| R                                      | 64                               | I5-47-7564                    | A-70568-0030 | I5-47-7664 | A-70568-0064   | I5-47-7764      | A-70568-0098          |            | A-70568-0132 |                       | A-70568-0166           |                        | A-70568-0200           | A-70568-0234                                | 64 |
|                                        | 66                               | I5-47-7566                    | A-70568-0031 | I5-47-7666 | A-70568-0065   | I5-47-7766      | A-70568-0099          |            | A-70568-0133 |                       | A-70568-0167           |                        | A-70568-0201           | A-70568-0235                                | 66 |
| Q                                      | 68                               | I5-47-7568                    | A-70568-0032 | I5-47-7668 | A-70568-0066   | I5-47-7768      | A-70568-0100          |            | A-70568-0134 |                       | A-70568-0168           |                        | A-70568-0202           | A-70568-0236                                | 68 |
|                                        | 70                               | I5-47-7570                    | A-70568-0033 | I5-47-7670 | A-70568-0067   | I5-47-7770      | A-70568-0101          |            | A-70568-0135 |                       | A-70568-0169           |                        | A-70568-0203           | A-70568-0237                                | 70 |
| P                                      | 72                               | I5-47-7572                    | A-70568-0034 | I5-47-7672 | A-70568-0068   | I5-47-7772      | A-70568-0102          |            | A-70568-0136 |                       | A-70568-0170           |                        | A-70568-0204           | A-70568-0238                                | 72 |
|                                        | B                                |                               |              |            |                |                 |                       |            |              |                       |                        |                        |                        |                                             |    |
| A                                      | G                                |                               |              |            |                |                 |                       |            |              |                       |                        |                        |                        |                                             |    |
|                                        | B                                |                               |              |            |                |                 |                       |            |              |                       |                        |                        |                        |                                             |    |
| A                                      | B                                |                               |              |            |                |                 |                       |            |              |                       |                        |                        |                        |                                             |    |
|                                        | A                                |                               |              |            |                |                 |                       |            |              |                       |                        |                        |                        |                                             |    |
| tb_frame_C_P_ME_T<br>Rev. D 2004/04/02 |                                  |                               |              |            |                |                 |                       |            |              |                       |                        |                        |                        |                                             |    |
| 12                                     | 11                               | 10                            | 9            | 8          | 7              | 6               | 5                     | 4          | 3            | 2                     | 1                      |                        |                        |                                             |    |