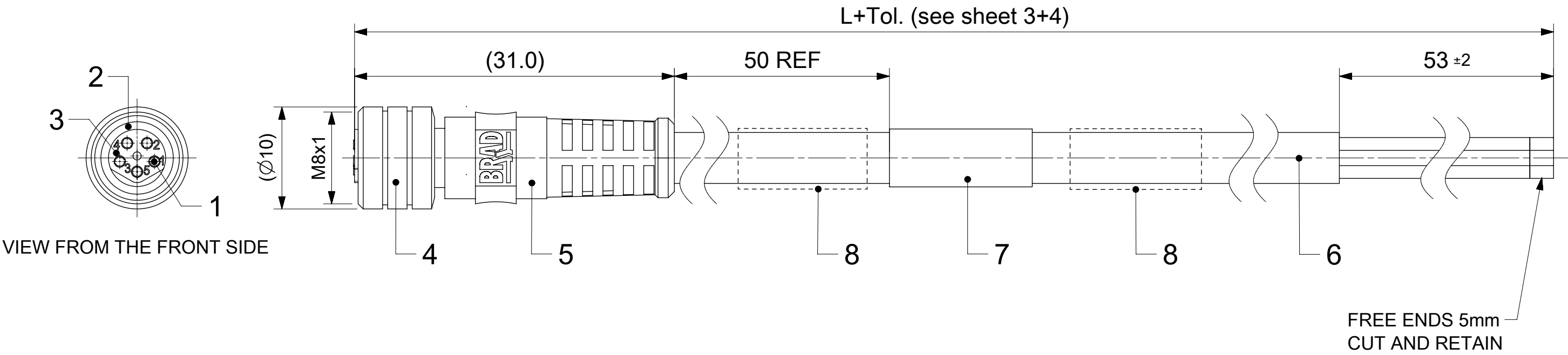


FEMALE PLUG M8 STRAIGHT

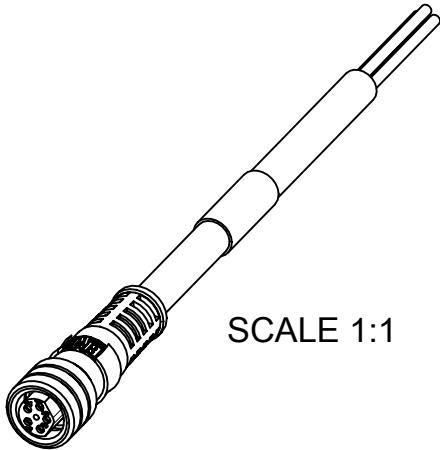


NOTES:  
RATED VOLTAGE: 3 contacts 60V AC/DC  
4 and 5 contacts 30V AC/DC  
CURRENT RATING: 3, 4, 5 contacts 3A  
PROTECTION CLASS: IP 67  
TEMPERATURE: -25°C / +80°C

FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

|      |           |                          |             |                      |
|------|-----------|--------------------------|-------------|----------------------|
| 8    | 2         | I/D CARRIER (SEE MATRIX) | ---         | ---                  |
| 7    | 1         | LABEL YELLOW             | VINYL       | ---                  |
|      | -         | PRINTING FOR CABLES lxx  | ---         | ---                  |
| 6    | -         | CABLE                    | SEE SHEET 2 | ---                  |
| 5    | -         | OVERMOULDING             | TPU         | SEE SHEET 2          |
| 4    | 1         | COUPLING NUT M8 FEMALE   | BRASS       | SEE SHEET 2          |
| 3    | 1         | INSERT FEMALE BLACK      | TPU         | ---                  |
| 2    | 1         | O-RING RED               | FKM         | ---                  |
| 1    | 3 / 4 / 5 | CONTACT M8 FEMALE        | COPPER      | SELECTIVE Au OVER Ni |
| ITEM | QTY.      | DESCRIPTION              | MATERIAL    | FINISH               |

|             |                               | 3 CONTACTS                          |       | 4 CONTACTS |       | 5 CONTACTS |       |
|-------------|-------------------------------|-------------------------------------|-------|------------|-------|------------|-------|
| FEMALE      | CONTACTS POSITION FRONT VIEW: |                                     |       |            |       |            |       |
|             |                               | PIN                                 | WIRE  | PIN        | WIRE  | PIN        | WIRE  |
|             |                               | 1                                   | BROWN | 1          | BROWN | 1          | BROWN |
|             |                               | 3                                   | BLUE  | 2          | WHITE | 2          | WHITE |
|             |                               | 4                                   | BLACK | 3          | BLUE  | 3          | BLUE  |
| CONNECTIONS |                               |                                     |       | 4          | BLACK | 4          | BLACK |
|             |                               |                                     |       |            |       | 5          | GREY  |
|             |                               | CODING ACCORDING TO IEC 61076-2-104 |       |            |       |            |       |



|                                                                                        |                                                                                                                                               |                        |       |                    |                                                                                                                                                                                          |                  |    |                                          |  |                        |
|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----|------------------------------------------|--|------------------------|
| FUNCTIONAL SYMBOLS<br><br>FA = 0<br><br>FE = 0<br><br>FV = 0<br><br>DIVISIONAL SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |       |                    |                                                                                                                                                                                          |                  |    |                                          |  |                        |
|                                                                                        | DIMENSION UNITS                                                                                                                               |                        | SCALE |                    | CURRENT REV DESC: MATRIX UPDATED                                                                                                                                                         |                  |    | <div>molex</div>                         |  |                        |
|                                                                                        | mm                                                                                                                                            |                        | 2:1   |                    |                                                                                                                                                                                          |                  |    |                                          |  |                        |
|                                                                                        | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |                        |       |                    | EC NO: 670691<br>DRWN: RSCHIEBER2021/07/19<br>CHK'D: RSILLER2021/07/19<br>APPR: RSILLER2021/07/19<br><br>INITIAL REVISION:<br>DRWN: AKONDRACIUK2017/02/16<br>APPR: MIWASIECZKO2017/11/16 |                  |    |                                          |  |                        |
|                                                                                        | ANGULAR TOL ± °                                                                                                                               |                        |       |                    |                                                                                                                                                                                          |                  |    |                                          |  |                        |
|                                                                                        | 4 PLACES ±                                                                                                                                    |                        |       |                    |                                                                                                                                                                                          |                  |    | PRODUCT CUSTOMER DRAWING                 |  |                        |
|                                                                                        | 3 PLACES ±                                                                                                                                    |                        |       |                    |                                                                                                                                                                                          |                  |    |                                          |  |                        |
|                                                                                        | 2 PLACES ±                                                                                                                                    |                        |       |                    |                                                                                                                                                                                          |                  |    | DOCUMENT NUMBER<br><div>1200860594</div> |  |                        |
|                                                                                        | 1 PLACE ±                                                                                                                                     |                        |       |                    | PSD                                                                                                                                                                                      | 000              | A8 |                                          |  |                        |
|                                                                                        | 0 PLACES ±                                                                                                                                    |                        |       |                    | MATERIAL NUMBER<br>SEE SHEET 3-4                                                                                                                                                         |                  |    | CUSTOMER<br>GENERAL MARKET               |  | SHEET NUMBER<br>1 OF 4 |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                             |                                                                                                                                               |                        |       |                    |                                                                                                                                                                                          |                  |    |                                          |  |                        |
|                                                                                        |                                                                                                                                               | THIRD ANGLE PROJECTION |       | DRAWING<br>A3-SIZE |                                                                                                                                                                                          | SERIES<br>120086 |    |                                          |  |                        |

## F

## E



D

## C

BA

|                                                              |   |   |   |   |   |   |   |   |   |
|--------------------------------------------------------------|---|---|---|---|---|---|---|---|---|
| FORMAT: master-lb-prod-A3<br>REVISION: J<br>DATE: 2020/01/14 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|--------------------------------------------------------------|---|---|---|---|---|---|---|---|---|

## F

EDCBA

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|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|-----------|------------|----------------|--------------|------|------------|-----------------|--------------|------|------------|----------------|--------------|--|--|--|--|--|--|--|--|
| 10        | 9          | 8              | 7            | 6    | 5          | 4               | 3            | 2    | 1          |                |              |  |  |  |  |  |  |  |  |
| PART LIST |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
| Pos.      | Part. No   | Engineering No | Cable Length | Pos. | Part. No   | Engineering No  | Cable Length | Pos. | Part. No   | Engineering No | Cable Length |  |  |  |  |  |  |  |  |
| 141       | 1200860340 | 403000K05M050  | 5m           | 176  | 1200271180 | 403000P82M020   | 2m           | 211  | 1200868029 | 404000E18M030  | 3m           |  |  |  |  |  |  |  |  |
| 142       | 1200868431 | 403000K05M150  | 15m          | 177  | 1200271305 | 404000P82M050   | 5m           | 212  | 1200270078 | 403000E54M050A | 5m           |  |  |  |  |  |  |  |  |
| 143       | 1200270642 | 403000L03M005A | 0.5m         | 178  | 1200271450 | 404000P82M0507  | 5m           | 213  | 1200868018 | 403000E54M030A | 3m           |  |  |  |  |  |  |  |  |
| 144       | 1200270080 | 403000I02M003  | 0.3m         | 179  | 1200868183 | 403000P82M0507  | 5m           | 214  | 1200270143 | 404000E51M020A | 2m           |  |  |  |  |  |  |  |  |
| 145       | 1200270081 | 403000I02M020  | 2m           | 180  | 1200868192 | 403000P82M0207  | 2m           | 215  | 1200270145 | 404000E51M050A | 5m           |  |  |  |  |  |  |  |  |
| 146       | 1200270082 | 403000I02M030  | 3m           | 181  | 1200868212 | 403000P82M005   | 0.5m         | 216  | 1200860667 | 405000P02M200  | 20m          |  |  |  |  |  |  |  |  |
| 147       | 1200270083 | 403000I02M050  | 5m           | 182  | 1200868213 | 404000P82M005   | 0.5m         | 217  | 1200868849 | 405000H08M010  | 1m           |  |  |  |  |  |  |  |  |
| 148       | 1200270084 | 403000I02M100  | 10m          | 183  | 1200868232 | 404000P82M010   | 1m           | 218  | 1200868857 | 405000E02M010  | 1m           |  |  |  |  |  |  |  |  |
| 149       | 1200270148 | 404000I02M020  | 2m           | 184  | 1200868233 | 403000P82M010   | 1m           | 219  | 1200868934 | 404000H08M050H | 5m           |  |  |  |  |  |  |  |  |
| 150       | 1200270149 | 404000I02M050  | 5m           | 185  | 1200868420 | 403000P82M1007  | 10m          | 220  |            |                |              |  |  |  |  |  |  |  |  |
| 151       | 1200270360 | 404000I02M100  | 10m          | 186  | 1200868461 | 404000P82M0207Y | 2m           | 221  |            |                |              |  |  |  |  |  |  |  |  |
| 152       | 1200860041 | 404000I02M030  | 3m           | 187  | 1200868470 | 403000P82M0207Y | 2m           | 222  |            |                |              |  |  |  |  |  |  |  |  |
| 153       | 1200868269 | 403000I02M005  | 0.5m         | 188  | 1200868481 | 404000P82M010Y  | 1m           | 223  |            |                |              |  |  |  |  |  |  |  |  |
| 154       | 1200868270 | 403000I02M006  | 0.6m         | 189  | 1200868482 | 403000P82M010Y  | 1m           | 224  |            |                |              |  |  |  |  |  |  |  |  |
| 155       | 1200868271 | 403000I02M010  | 1m           | 190  | 1200868567 | 404000P82M0307Y | 3m           | 225  |            |                |              |  |  |  |  |  |  |  |  |
| 156       | 1200868272 | 403000I02M025  | 2.5m         | 191  | 1200868602 | 404000P82M050Y  | 5m           | 226  |            |                |              |  |  |  |  |  |  |  |  |
| 157       | 1200868273 | 403000I02M150  | 15m          | 192  | 1200270341 | 404000P18M050   | 5m           | 227  |            |                |              |  |  |  |  |  |  |  |  |
| 158       | 1200868349 | 404000I02M003  | 0.3m         | 193  | 1200270346 | 404000P18M100   | 10m          | 228  |            |                |              |  |  |  |  |  |  |  |  |
| 159       | 1200868350 | 404000I02M050G | 5m           | 194  | 1200270863 | 404000P18M005   | 0.5m         | 229  |            |                |              |  |  |  |  |  |  |  |  |
| 160       | 1200868445 | 403000I02M030Y | 3m           | 195  | 1200271449 | 403000P18M070   | 7m           | 230  |            |                |              |  |  |  |  |  |  |  |  |
| 161       | 1200868446 | 403000I02M050Y | 5m           | 196  | 1200860101 | 403000A10M015   | 1.5m         | 231  |            |                |              |  |  |  |  |  |  |  |  |
| 162       | 1200868447 | 403000I02M100Y | 10m          | 197  | 1200860102 | 403000A10M020   | 2m           | 232  |            |                |              |  |  |  |  |  |  |  |  |
| 163       | 1200868455 | 404000I02M020Y | 2m           | 198  | 1200860107 | 403000A10M050   | 5m           | 233  |            |                |              |  |  |  |  |  |  |  |  |
| 164       | 1200868456 | 404000I02M050Y | 5m           | 199  | 1200860111 | 403000A10M100   | 10m          | 234  |            |                |              |  |  |  |  |  |  |  |  |
| 165       | 1200868460 | 404000I02M100Y | 10m          | 200  | 1200860112 | 403000A10M150   | 15m          | 235  |            |                |              |  |  |  |  |  |  |  |  |
| 166       | 1200868507 | 403000I02M020Y | 2m           | 201  | 1200860144 | 404000A10M020   | 2m           | 236  |            |                |              |  |  |  |  |  |  |  |  |
| 167       | 1200868566 | 404000I02M030Y | 3m           | 202  | 1200860145 | 404000A10M030   | 3m           | 237  |            |                |              |  |  |  |  |  |  |  |  |
| 168       | 1200270147 | 404000H69M020  | 2m           | 203  | 1200860147 | 404000A10M050   | 5m           | 238  |            |                |              |  |  |  |  |  |  |  |  |
| 169       | 1200868100 | 404000H69M100  | 10m          | 204  | 1200860155 | 404000A10M100   | 10m          | 239  |            |                |              |  |  |  |  |  |  |  |  |
| 170       | 1200868184 | 404000H69M010  | 1m           | 205  | 1200860191 | 405000A10M020   | 2m           | 240  |            |                |              |  |  |  |  |  |  |  |  |
| 171       | 1200270445 | 404000H69M050  | 5m           | 206  | 1200270140 | 404000E18M050   | 5m           | 241  |            |                |              |  |  |  |  |  |  |  |  |
| 172       | 1200271440 | 403000H69M050  | 5m           | 207  | 1200270581 | 403000E18M020   | 2m           | 242  |            |                |              |  |  |  |  |  |  |  |  |
| 173       | 1200271441 | 403000H69M020  | 2m           | 208  | 1200270606 | 403000E18M100   | 10m          | 243  |            |                |              |  |  |  |  |  |  |  |  |
| 174       | 1200270032 | 403000P82M050  | 5m           | 209  | 1200868017 | 403000E18M050   | 5m           | 244  |            |                |              |  |  |  |  |  |  |  |  |
| 175       | 1200271042 | 404000P82M0207 | 2m           | 210  | 1200868028 | 404000E18M020   | 2m           | 245  |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
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|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
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|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
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|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
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|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
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|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |
|           |            |                |              |      |            |                 |              |      |            |                |              |  |  |  |  |  |  |  |  |