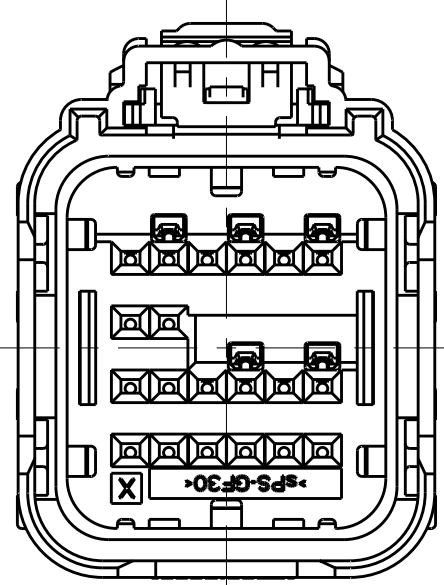
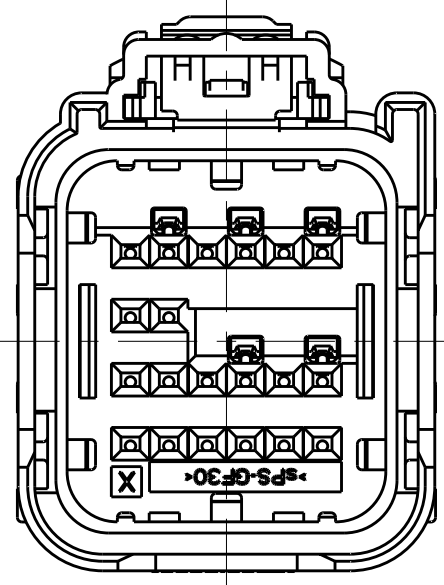


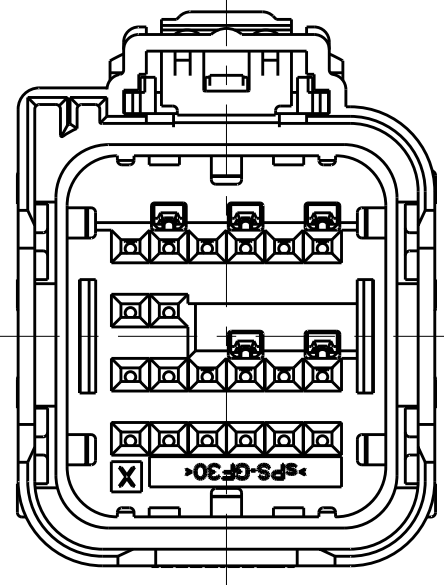
## D



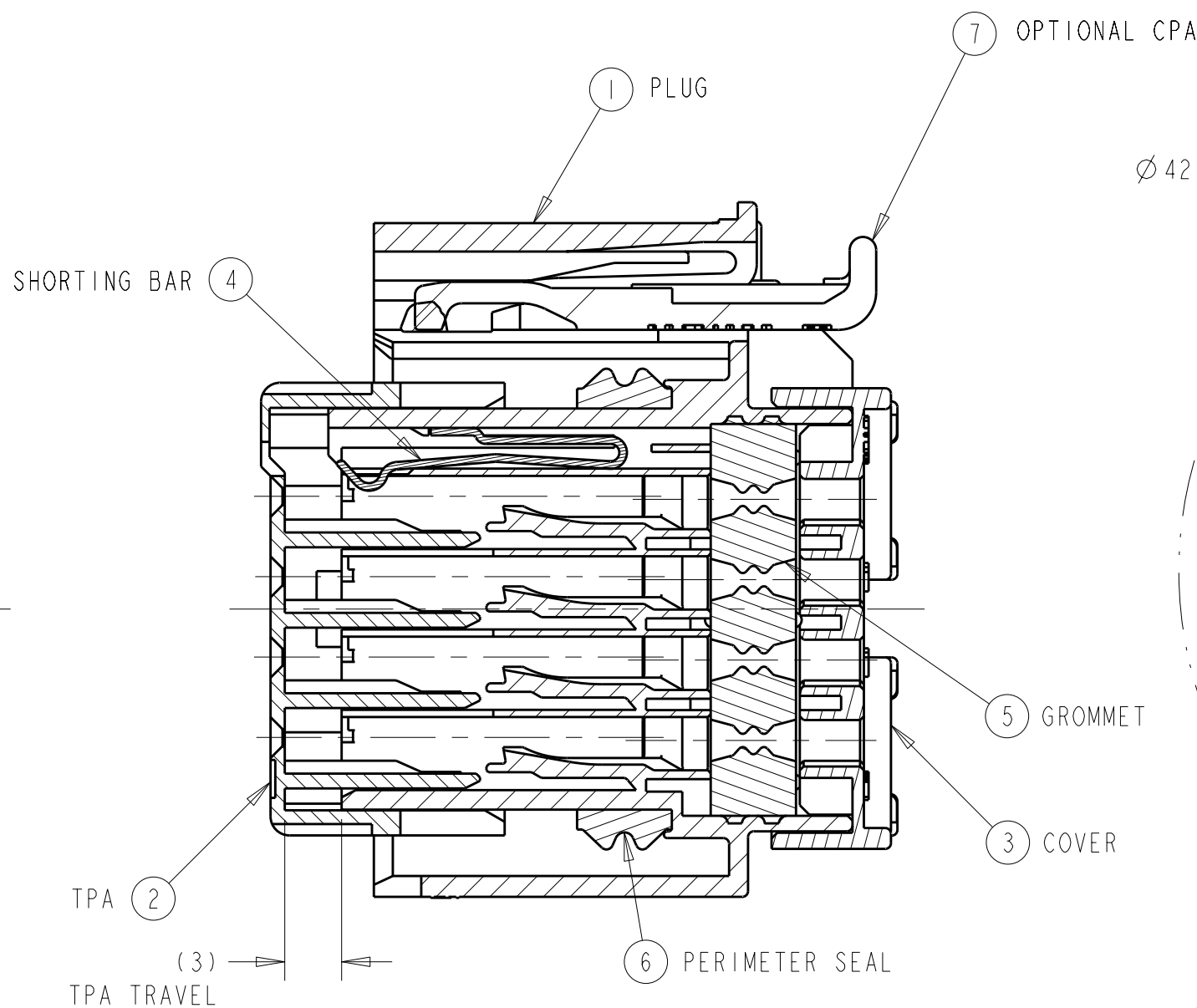
OPTION "B"



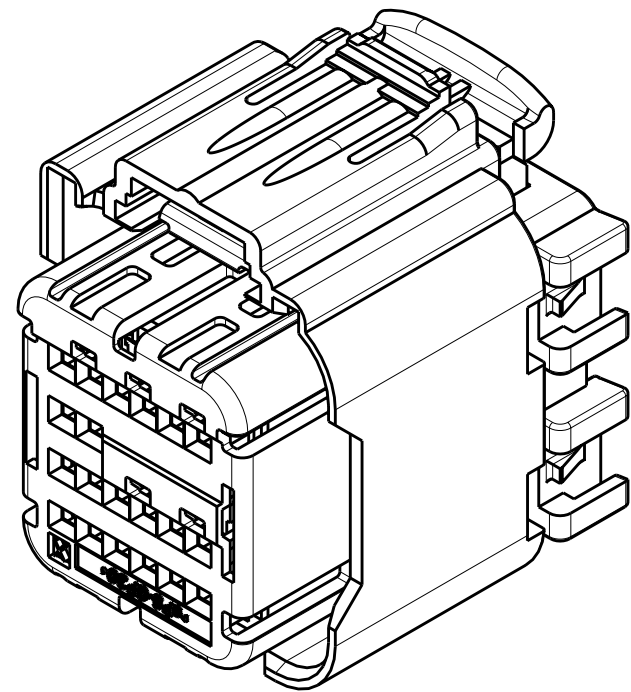
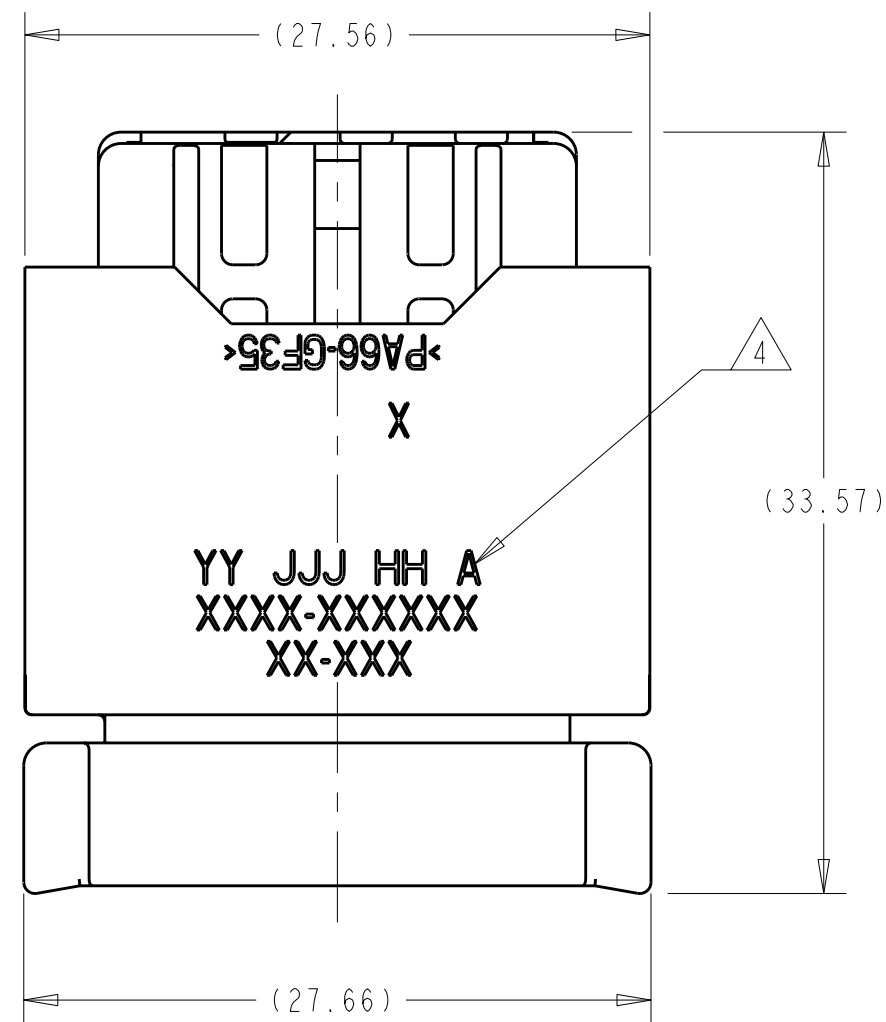
OPTION "D"



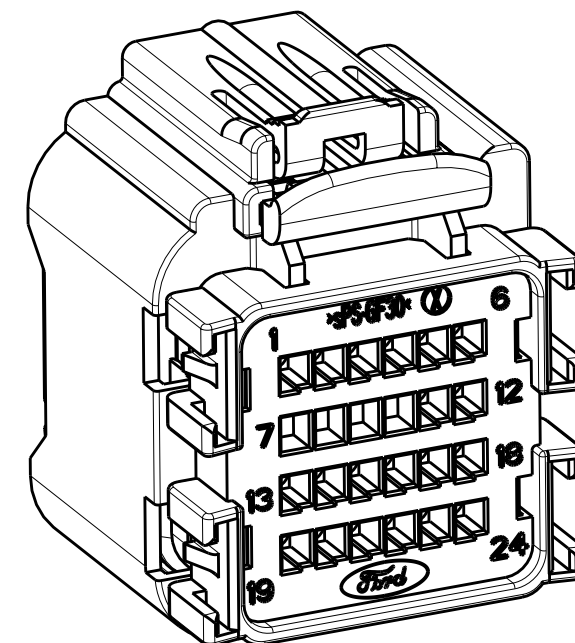
OPTION "F"



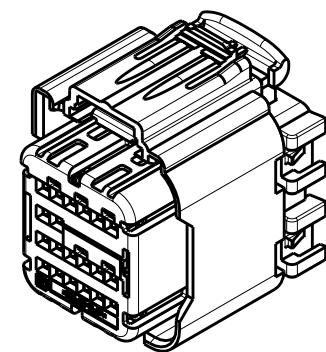
MINIMUM FEED THROUGH CONDITION  
WITH 1mm CLEARANCE ALL AROUND  
SHOWN WITH OPTION WIRESHIELD



SCALE 2:1



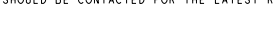
SCALE 2:1



SCALE 1:1

KEYING OPTION "A" SHOWN

[illegible]

|                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                                                                |  |                                                                                                                                     |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------|--|
| <small>THIS DRAWING IS A COMPUTER GENERATED PART AND THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF TYCO ELECTRONICS. IT IS TO BE USED FOR THE PART IDENTIFICATION PURPOSE ONLY. IT IS NOT TO BE USED FOR ANY OTHER PURPOSE. IT IS NOT TO BE REPRODUCED OR COPIED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF TYCO ELECTRONICS. IT IS THE USER'S RESPONSIBILITY TO OBTAIN THE LATEST REVISION.</small> |  | OWN<br><b>3 VESTAL</b> 23JUL2007                                               |  |  Tyco Electronics<br>Harrisburg, PA 17105-3608 |  |
| DIMENSIONS:                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | TOLERANCES, UNLESS OTHERWISE SPECIFIED:                                        |  | NAME<br><b>24 WAY ARM</b>                                                                                                           |  |
| mm                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | 0 PLC ±.1<br>1 PLC ±.3<br>2 PLC ±0.10<br>3 PLC ±.1<br>4 PLC ±.1<br>ANGLES ±.5° |  | PRODUCT SPEC<br>-                                                                                                                   |  |
|                                                                                                                                                                                                                                                                                                                                                                     |  | FINISH<br>-                                                                    |  | APPLICATION SPEC<br>-                                                                                                               |  |
| MATERIAL<br>SEE CHART ABOVE                                                                                                                                                                                                                                                                                                                                                                                                                              |  | WEIGHT<br>SEE NOTE 5                                                           |  | SIZE CAGE CODE DRAWING NO<br><b>A   00779 C=1924670</b>                                                                             |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | CUSTOMER DRAWING                                                               |  | RESTRICTED TO<br>SCALE 3:1 SHEET 1 OF 3 REV D                                                                                       |  |



| PIN-OUT CHART                                                          |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |             |       |                      |                    |             |       |
|------------------------------------------------------------------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-------------|-------|----------------------|--------------------|-------------|-------|
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    | 17 | 18 | 19 | 20 | 21 | 22 |     | 23          | 24    | N                    | 3-1924670-8        | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    | 17 | 18 | 19 | 20 | 21 | 22 |     | 23          | 24    | N                    | 3-1924670-7        | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    | 15 |    |    | 18 |    |    |    | 21 |     | 23          | 24    | N                    | 3-1924670-6        | KEY A       |       |
|                                                                        |   |   | 5 | 6 |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    | 15 |    | 17 | 18 |    |    | 20 |    |     | 23          | 24    | N                    | 3-1924670-5        | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    |    |    |    |    | 20 | 21 |     | 23          |       | N                    | 3-1924670-4        | KEY A       |       |
|                                                                        |   |   | 5 | 6 |   | 7 | 8 | 9 | 10 | 11 | 12 |    |    |    |    | 15 | 16 |    | 18 |    |    |    | 21 | 22  | 23          |       | N                    | 3-1924670-3        | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    |    | 18 |    |    | 20 |    |     | 23          | 24    | N                    | 3-1924670-2        | KEY A       |       |
|                                                                        |   |   | 5 | 6 |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    | 13 | 14 |    | 17 | 18 | 19 | 20 | 21 | 22  |             | 24    | N                    | 1924671-3          | KEY B       |       |
|                                                                        |   |   | 5 | 6 |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    | 13 | 14 |    | 17 | 18 | 19 | 20 | 21 | 22  |             | 24    | N                    | 3-1924670-1        | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    |    | 18 | 19 | 20 | 21 | 22 |     |             |       | N                    | 3-1924670-0        | KEY A       |       |
| OBSOLETE                                                               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Y   | 3-1924672-1 | KEY A |                      |                    |             |       |
|                                                                        |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | N   | 2-1924670-9 | KEY A |                      |                    |             |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 | 11 |    |    |    |    |    |    |    | 17 | 18 |    |    |    |    |     |             | 23    | Y                    | 3-1924672-0        | KEY B       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 | 11 |    |    |    |    |    |    |    | 17 | 18 |    |    |    |    |     |             | 23    | Y                    | 2-1924672-9        | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |             |       | Y                    | 2-1924672-8        | KEY B       |       |
|                                                                        |   |   | 5 | 6 |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    | 17 | 18 | 19 |    |    |    |     |             | 23    | 24                   | Y                  | 2-1924672-7 | KEY A |
|                                                                        |   |   | 5 | 6 |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    | 17 | 18 | 19 | 20 |    |    |     | 23          | 24    | Y                    | 2-1924672-6        | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    | 17 | 18 |    | 20 | 21 | 22 |     |             |       | Y                    | 2-1924672-5        | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    | 15 |    |    | 18 |    | 20 |    |    |     | 23          | 24    | Y                    | 2-1924672-4        | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    | 15 |    |    | 18 |    |    |    |    |     | 23          | 24    | Y                    | 2-1924672-3        | KEY A       |       |
|                                                                        |   |   | 5 | 6 |   | 7 | 8 | 9 | 10 |    |    |    | 13 | 14 |    |    |    | 17 | 18 | 19 |    |    |    |     | 23          | 24    | Y                    | 2-1924672-2        | KEY A       |       |
|                                                                        |   |   | 5 | 6 |   | 7 | 8 | 9 | 10 |    |    |    | 13 | 14 |    |    |    | 17 | 18 | 19 | 20 |    |    |     | 23          | 24    | Y                    | 2-1924672-1        | KEY A       |       |
|                                                                        |   |   | 5 | 6 |   | 7 | 8 | 9 | 10 |    |    |    | 13 | 14 | 15 |    |    | 17 | 18 |    |    |    | 21 |     | 23          | Y     | 2-1924672-0          | KEY A              |             |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    | 15 |    | 17 | 18 |    |    |    |    |    |     | 23          | 24    | Y                    | 1-1924672-9        | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    | 15 |    | 17 | 18 |    |    | 21 |    |    |     | 23          | 24    | Y                    | 1-1924672-8        | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    | 18 | 19 |    |    | 21 |    |     | 23          | 24    | Y                    | 1-1924672-7        | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    | 18 | 19 |    |    |    |    |     | 23          | 24    | Y                    | 1-1924672-6        | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    | 15 |    | 18 |    | 20 | 21 |    |    |    |     | 23          | 24    | Y                    | 1-1924672-5        | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    | 15 |    | 17 | 18 |    | 20 | 21 |    |    |     | 23          | 24    | Y                    | 1-1924672-4        | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    | 15 |    | 17 | 18 |    | 20 | 21 | 22 |    |     | 23          | 24    | Y                    | 1-1924672-3        | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    | 17 | 18 |    |    |    |    |    |     | 23          | Y     | 1-1924672-2          | KEY A              |             |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    | 17 | 18 | 19 |    | 21 |    |    |     | 23          | 24    | Y                    | 1-1924672-1        | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    | 17 | 18 | 19 | 20 | 21 |    |    |    |     | 23          | 24    | Y                    | 1-1924672-0        | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    | 15 |    | 17 | 18 |    |    |    |    |    |     | 23          | 24    | Y                    | 1924672-9          | KEY A       |       |
|                                                                        |   |   | 5 | 6 |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    | 18 |    | 20 | 21 |    |    |     | 23          | 24    | Y                    | 1924672-8          | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    | 17 | 18 |    | 20 | 21 |    |     |             | 23    | 24                   | Y                  | 1924672-7   | KEY A |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    | 17 | 18 |    |    |    |    |     | 23          | 24    | Y                    | 1924672-6          | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    | 17 | 18 |    | 20 | 21 | 22 |     |             | 24    | Y                    | 1924672-5          | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    | 17 | 18 | 19 | 20 | 21 | 22 |     |             | 24    | Y                    | 1924672-4          | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    | 18 | 20 | 21 |    |    |    |     | 23          | 24    | Y                    | 1924672-3          | KEY A       |       |
|                                                                        |   | 3 | 4 |   |   | 7 | 8 | 9 | 10 |    |    |    | 13 | 14 | 15 |    |    | 18 |    | 20 | 21 |    |    |     | 23          | 24    | Y                    | 1924672-2          | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |             |       | Y                    | 1924672-1          | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 | 11 |    |    |    |    |    |    |    | 17 | 18 |    |    |    |    |     |             | 23    | N                    | 1924671-2          | KEY B       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 | 11 |    |    |    |    |    |    |    | 17 | 18 |    |    |    |    |     |             |       | N                    | 2-1924670-8        | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |             |       | N                    | 1924671-1          | KEY B       |       |
|                                                                        |   |   | 5 | 6 |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    | 17 | 18 | 19 |    |    |    |     |             | 23    | 24                   | N                  | 2-1924670-7 | KEY A |
|                                                                        |   |   | 5 | 6 |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    | 17 | 18 | 19 | 20 |    |    |     |             | 23    | 24                   | N                  | 2-1924670-6 | KEY A |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    | 17 | 18 |    | 20 | 21 | 22 |     |             |       | N                    | 2-1924670-5        | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    | 15 |    |    | 18 |    | 20 |    |    |     |             | 23    | 24                   | N                  | 2-1924670-4 | KEY A |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    | 15 |    |    | 18 |    |    |    |    |     |             | 23    | 24                   | N                  | 2-1924670-3 | KEY A |
|                                                                        |   |   | 5 | 6 |   | 7 | 8 | 9 | 10 |    |    |    | 13 | 14 |    |    |    | 17 | 18 | 19 |    |    |    |     |             | 23    | 24                   | N                  | 2-1924670-2 | KEY A |
|                                                                        |   |   | 5 | 6 |   | 7 | 8 | 9 | 10 |    |    |    | 13 | 14 |    |    |    | 17 | 18 | 19 | 20 |    |    |     |             | 23    | 24                   | N                  | 2-1924670-1 | KEY A |
|                                                                        |   |   | 5 | 6 |   | 7 | 8 | 9 | 10 |    |    |    | 13 | 14 | 15 |    |    | 17 | 18 |    |    |    | 21 |     | 23          | 24    | N                    | 2-1924670-0        | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    | 15 |    | 17 | 18 |    |    |    |    |    |     | 23          | 24    | N                    | 1-1924670-9        | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    | 15 |    | 17 | 18 |    |    |    | 21 |    |     | 23          | 24    | N                    | 1-1924670-8        | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    | 18 | 19 |    |    | 21 |    |     | 23          | 24    | N                    | 1-1924670-7        | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    | 18 | 19 |    |    |    |    |     | 23          | 24    | N                    | 1-1924670-6        | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    | 15 |    |    | 18 |    | 20 | 21 |    |     | 23          | 24    | N                    | 1-1924670-5        | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    | 15 |    | 17 | 18 |    | 20 | 21 |    |     | 23          | 24    | N                    | 1-1924670-4        | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    | 15 |    | 17 | 18 |    | 20 | 21 | 22 |     |             | 23    | 24                   | N                  | 1-1924670-3 | KEY A |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    | 17 | 18 |    |    |    |    |     | 23          |       | N                    | 1-1924670-2        | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    | 17 | 18 | 19 |    | 21 |    |     | 23          | 24    | N                    | 1-1924670-1        | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    | 17 | 18 | 19 | 20 | 21 |    |     | 23          | 24    | N                    | 1-1924670-0        | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    | 15 |    | 17 | 18 |    | 20 |    |    |    |     | 23          | 24    | N                    | 1924670-9          | KEY A       |       |
|                                                                        |   |   |   | 5 | 6 |   | 7 | 8 | 9  | 10 |    |    |    |    |    |    |    | 18 |    | 20 | 21 |    |    |     | 23          | 24    | N                    | 1924670-8          | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    | 17 | 18 |    | 20 | 21 |    |     | 23          | 24    | N                    | 1924670-7          | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    | 17 | 18 |    |    |    |    |     | 23          | 24    | N                    | 1924670-6          | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    | 17 | 18 |    | 20 | 21 | 22 |     |             | 24    | N                    | 1924670-5          | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    | 17 | 18 | 19 | 20 | 21 | 22 |     |             | 24    | N                    | 1924670-4          | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    | 18 |    | 20 | 21 |    |    |     | 23          | 24    | N                    | 1924670-3          | KEY A       |       |
|                                                                        |   | 3 | 4 |   |   | 7 | 8 | 9 | 10 |    |    |    | 13 | 14 | 15 |    |    | 18 |    | 20 | 21 |    |    |     | 23          | 24    | N                    | 1924670-2          | KEY A       |       |
|                                                                        |   |   |   |   |   | 7 | 8 | 9 | 10 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |             |       | N                    | 1924670-1          | KEY A       |       |
| 1                                                                      | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | CPA |             |       | ASSEMBLY PART NUMBER | PLUG KEYING OPTION |             |       |
| TERMINAL HOLE POSITION                                                 |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |             |       |                      |                    |             |       |
| CAVITIES WITH A NUMERIC SYMBOL INDICATE CLOSED TERMINAL HOLE POSITIONS |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |             |       |                      |                    |             |       |
| BLANK CAVITIES INDICATE OPEN TERMINAL HOLE POSITIONS                   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |             |       |                      |                    |             |       |

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