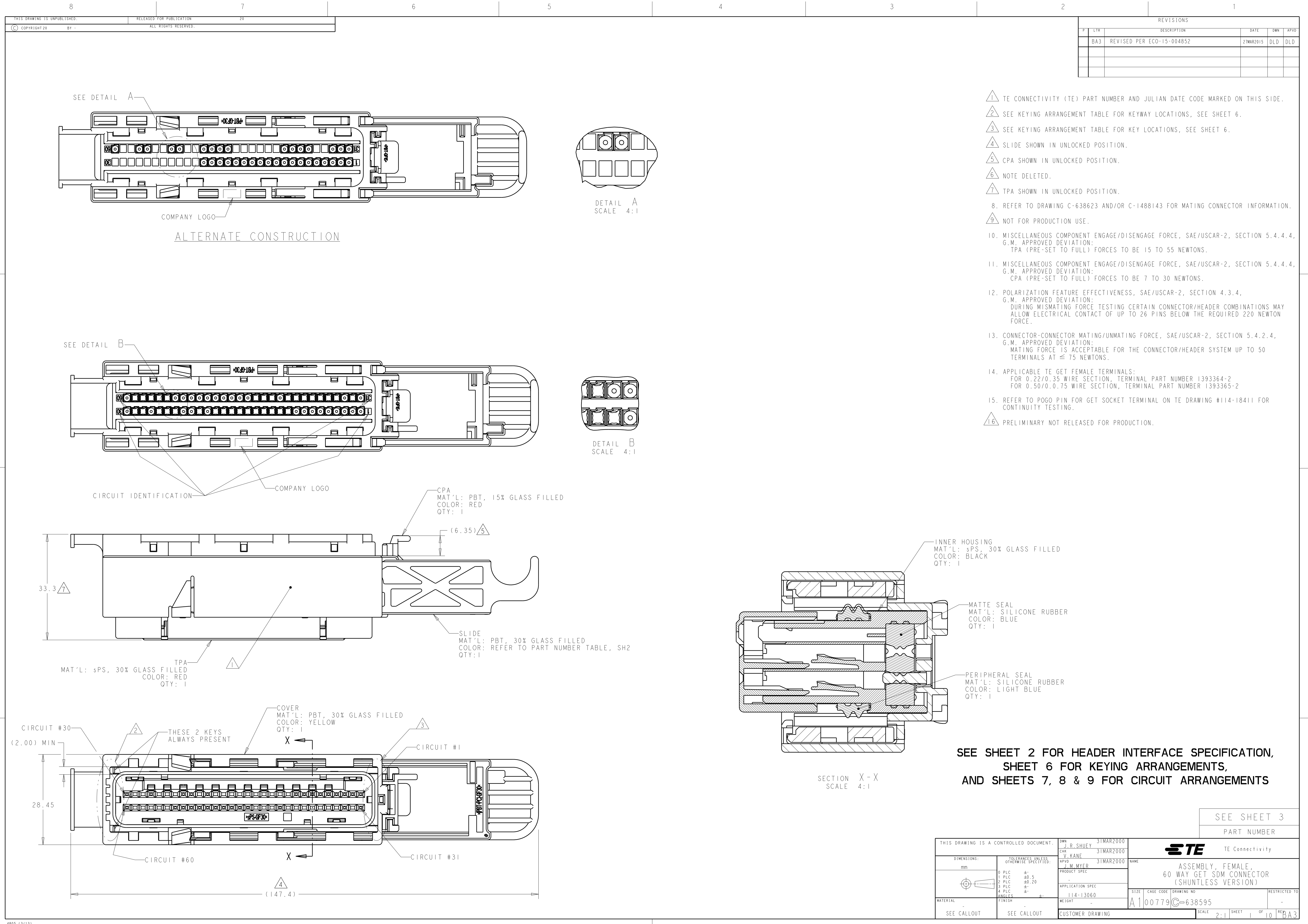


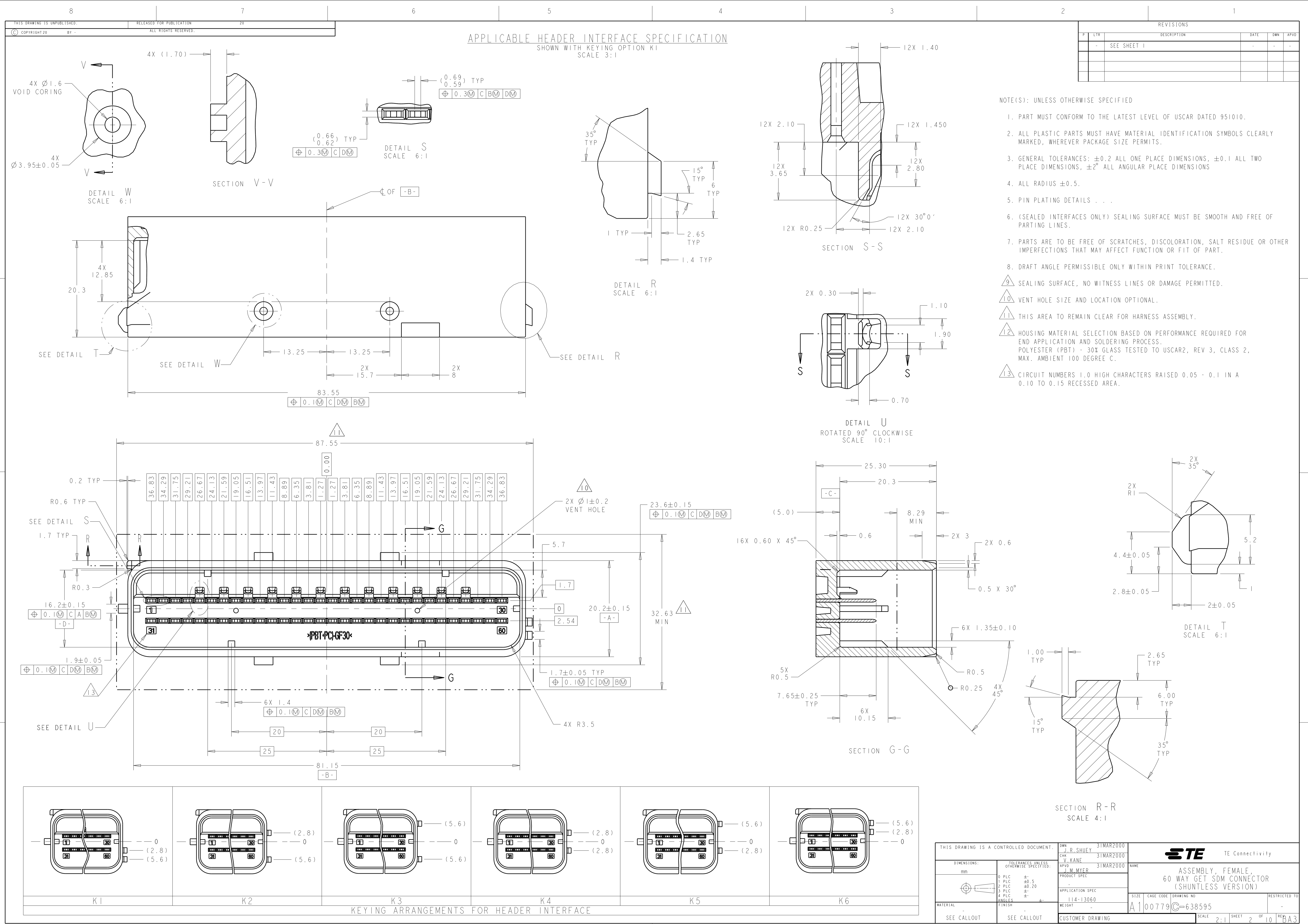


| REVISIONS |     |                           |           |     |      |
|-----------|-----|---------------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|           | BA3 | REVISED PER ECO-15-004852 | 21MAR2015 | DLD | DLD  |
|           |     |                           |           |     |      |
|           |     |                           |           |     |      |

- △ TE CONNECTIVITY (TE) PART NUMBER AND JULIAN DATE CODE MARKED ON THIS SIDE.
- △ SEE KEYING ARRANGEMENT TABLE FOR KEYWAY LOCATIONS, SEE SHEET 6.
- △ SEE KEYING ARRANGEMENT TABLE FOR KEY LOCATIONS, SEE SHEET 6.
- △ SLIDE SHOWN IN UNLOCKED POSITION.
- △ CPA SHOWN IN UNLOCKED POSITION.
- △ NOTE DELETED.
- △ TPA SHOWN IN UNLOCKED POSITION.
8. REFER TO DRAWING C-638623 AND/OR C-1488143 FOR MATING CONNECTOR INFORMATION.
- △ NOT FOR PRODUCTION USE.
10. MISCELLANEOUS COMPONENT ENGAGE/DISENGAGE FORCE, SAE/USCAR-2, SECTION 5.4.4.4, G.M. APPROVED DEVIATION:  
TPA (PRE-SET TO FULL) FORCES TO BE 15 TO 55 NEWTONS.
11. MISCELLANEOUS COMPONENT ENGAGE/DISENGAGE FORCE, SAE/USCAR-2, SECTION 5.4.4.4, G.M. APPROVED DEVIATION:  
CPA (PRE-SET TO FULL) FORCES TO BE 7 TO 30 NEWTONS.
12. POLARIZATION FEATURE EFFECTIVENESS, SAE/USCAR-2, SECTION 4.3.4, G.M. APPROVED DEVIATION:  
DURING MISMATING FORCE TESTING CERTAIN CONNECTOR/HEADER COMBINATIONS MAY ALLOW ELECTRICAL CONTACT OF UP TO 26 PINS BELOW THE REQUIRED 220 NEWTON FORCE.
13. CONNECTOR-CONNECTOR MATING/UNMATING FORCE, SAE/USCAR-2, SECTION 5.4.2.4, G.M. APPROVED DEVIATION:  
MATING FORCE IS ACCEPTABLE FOR THE CONNECTOR/HEADER SYSTEM UP TO 50 TERMINALS AT  $\leq 75$  NEWTONS.
14. APPLICABLE TE GET FEMALE TERMINALS:  
FOR 0.22/0.35 WIRE SECTION, TERMINAL PART NUMBER 1393364-2  
FOR 0.50/0.0.75 WIRE SECTION, TERMINAL PART NUMBER 1393365-2
15. REFER TO POGO PIN FOR GET SOCKET TERMINAL ON TE DRAWING #114-18411 FOR CONTINUITY TESTING.
- △ PRELIMINARY NOT RELEASED FOR PRODUCTION.

SEE SHEET 2 FOR HEADER INTERFACE SPECIFICATION,  
SHEET 6 FOR KEYING ARRANGEMENTS,  
AND SHEETS 7, 8 & 9 FOR CIRCUIT ARRANGEMENTS

|                                        |  |                             |                                                                      |  |
|----------------------------------------|--|-----------------------------|----------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>J.R. SHUEY 31MAR2000 | SEE SHEET 3                                                          |  |
| DIMENSIONS:                            |  | CHK<br>V. KANE 31MAR2000    | PART NUMBER                                                          |  |
| mm                                     |  | APVD<br>J.M. MYER 31MAR2000 | NAME                                                                 |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | PRODUCT SPEC                | ASSEMBLY, FEMALE,<br>60 WAY GET-SDM CONNECTOR<br>(SHUNTLESS VERSION) |  |
| 0 PLC $\pm .5$                         |  | APPLICATION SPEC            | SIZE                                                                 |  |
| 1 PLC $\pm 0.20$                       |  | 114-13060                   | CAGE CODE                                                            |  |
| 2 PLC $\pm .$                          |  | WEIGHT                      | DRAWING NO                                                           |  |
| 3 PLC $\pm .$                          |  | CUSTOMER DRAWING            | A100779                                                              |  |
| 4 PLC $\pm .$                          |  | SCALE                       | SHEET 1 OF 10                                                        |  |
| ANGLES                                 |  | RESTRICTED TO               | BA3                                                                  |  |
| FINISH                                 |  |                             |                                                                      |  |
| SEE CALLOUT                            |  |                             |                                                                      |  |





| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DWN | APVD |
| -         | -   | SEE SHEET 1 | -    | -   | -    |
|           |     |             |      |     |      |
|           |     |             |      |     |      |
|           |     |             |      |     |      |

|                   |                |                                                      |                                                    |             |
|-------------------|----------------|------------------------------------------------------|----------------------------------------------------|-------------|
| 13577852          | BLACK          | C134                                                 | K5                                                 | 3-1924558-7 |
|                   |                |                                                      |                                                    |             |
|                   |                |                                                      |                                                    |             |
|                   |                |                                                      |                                                    |             |
|                   |                |                                                      |                                                    |             |
| 13502172          | BLACK          | C130                                                 | K3                                                 | 2-1924558-2 |
| 13502171          | BLACK          | C120                                                 | K3                                                 | 2-1924558-1 |
| 13502170          | BLACK          | C42                                                  | K6                                                 | 2-1924558-0 |
| 13502169          | BLACK          | C91                                                  | K6                                                 | 1-1924558-9 |
| 19206496          | BLACK          | C125                                                 | K4                                                 | 1-1924558-8 |
| 19206495          | BLACK          | C126                                                 | K2                                                 | 1-1924558-7 |
| 19206494          | BLACK          | C125                                                 | K1                                                 | 1-1924558-6 |
| 19206493          | BLACK          | C124                                                 | K3                                                 | 1-1924558-5 |
| 19206492          | BLACK          | C123                                                 | K3                                                 | 1-1924558-4 |
|                   |                |                                                      |                                                    |             |
|                   |                |                                                      |                                                    |             |
|                   |                |                                                      |                                                    |             |
| 19206488          | BLACK          | C46                                                  | K3                                                 | 1-1924558-0 |
|                   |                |                                                      |                                                    |             |
| 19152767          | BLACK          | C37                                                  | K2                                                 | 1924558-8   |
| 19180411          | BLACK          | C22                                                  | K3                                                 | 1924558-7   |
|                   |                |                                                      |                                                    |             |
| 19179682          | BLACK          | C22                                                  | K6                                                 | 1924558-5   |
|                   |                |                                                      |                                                    |             |
|                   |                |                                                      |                                                    |             |
| 19179684          | BLACK          | C29                                                  | K5                                                 | 1924558-2   |
| 19179685          | BLACK          | C28                                                  | K2                                                 | 1924558-1   |
| GM<br>PART NUMBER | SLIDE<br>COLOR | CIRCUIT<br>ARRANGEMENT<br>(SEE TABLE<br>ON SH 5 & 6) | KEYING<br>ARRANGEMENT<br>(SEE TABLE<br>ON SHEET 5) | PART NUMBER |

|                                                                                       |  |                                                                                  |  |                                                                                                                 |  |
|---------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN J.R. SHUEY 31MAR2000                                                         |  | <div>TE Connectivity</div> |  |
|                                                                                       |  | CHK V.KANE 31MAR2000                                                             |  |                                                                                                                 |  |
| DIMENSIONS:                                                                           |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                           |  | NAME                                                                                                            |  |
| mm                                                                                    |  | 0 PLC ±<br>1 PLC ±0.5<br>2 PLC ±0.20<br>3 PLC ±<br>4 PLC ±<br>ANGLES ±<br>FINISH |  | PRODUCT SPEC                                                                                                    |  |
|  |  | APPLICATION SPEC                                                                 |  | SIZE                                                                                                            |  |
|                                                                                       |  | 114-13060                                                                        |  | CAGE CODE                                                                                                       |  |
| MATERIAL -                                                                            |  | WEIGHT -                                                                         |  | DRAWING NO                                                                                                      |  |
| SEE CALLOUT                                                                           |  | SEE CALLOUT                                                                      |  | A100779C=638595                                                                                                 |  |
| CUSTOMER DRAWING                                                                      |  |                                                                                  |  | RESTRICTED TO                                                                                                   |  |
|                                                                                       |  |                                                                                  |  | SCALE 2:1                                                                                                       |  |
|                                                                                       |  |                                                                                  |  | SHEET 4 OF 10                                                                                                   |  |
|                                                                                       |  |                                                                                  |  | REV BA3                                                                                                         |  |

| REVISIONS |      |             |      |      |       |
|-----------|------|-------------|------|------|-------|
| P.        | LTR. | DESCRIPTION | DATE | DWN. | APVD. |
| -         | -    | SEE SHEET 1 | -    | -    | -     |
|           |      |             |      |      |       |
|           |      |             |      |      |       |
|           |      |             |      |      |       |

NOT INTENDED FOR PRODUCTION USE

SERVICE PART

|   |             |                                            |                                           |             |
|---|-------------|--------------------------------------------|-------------------------------------------|-------------|
| 9 | BLACK       | C3                                         | K0                                        | 8-184464-7  |
|   | SLIDE COLOR | CIRCUIT ARRANGEMENT (SEE TABLE ON SHEET 4) | KEYING ARRANGEMENT (SEE TABLE ON SHEET 4) | PART NUMBER |

NOT INTENDED FOR PRODUCTION USE

SERVICE PART

|                                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1                                           | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
|                                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 31                                          | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| CIRCUIT ARRANGEMENT                         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| [X] INDICATES UNAVAILABLE (BLOCKED) CIRCUIT |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| C3                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

|                                                                              |               |
|------------------------------------------------------------------------------|---------------|
|                                                                              | K0 (OPTIONAL) |
|                                                                              | K0            |
| KEYING ARRANGEMENT<br>( [ ] INDICATES PRESENCE OF KEYWAY OR ABSENCE OF KEY ) |               |

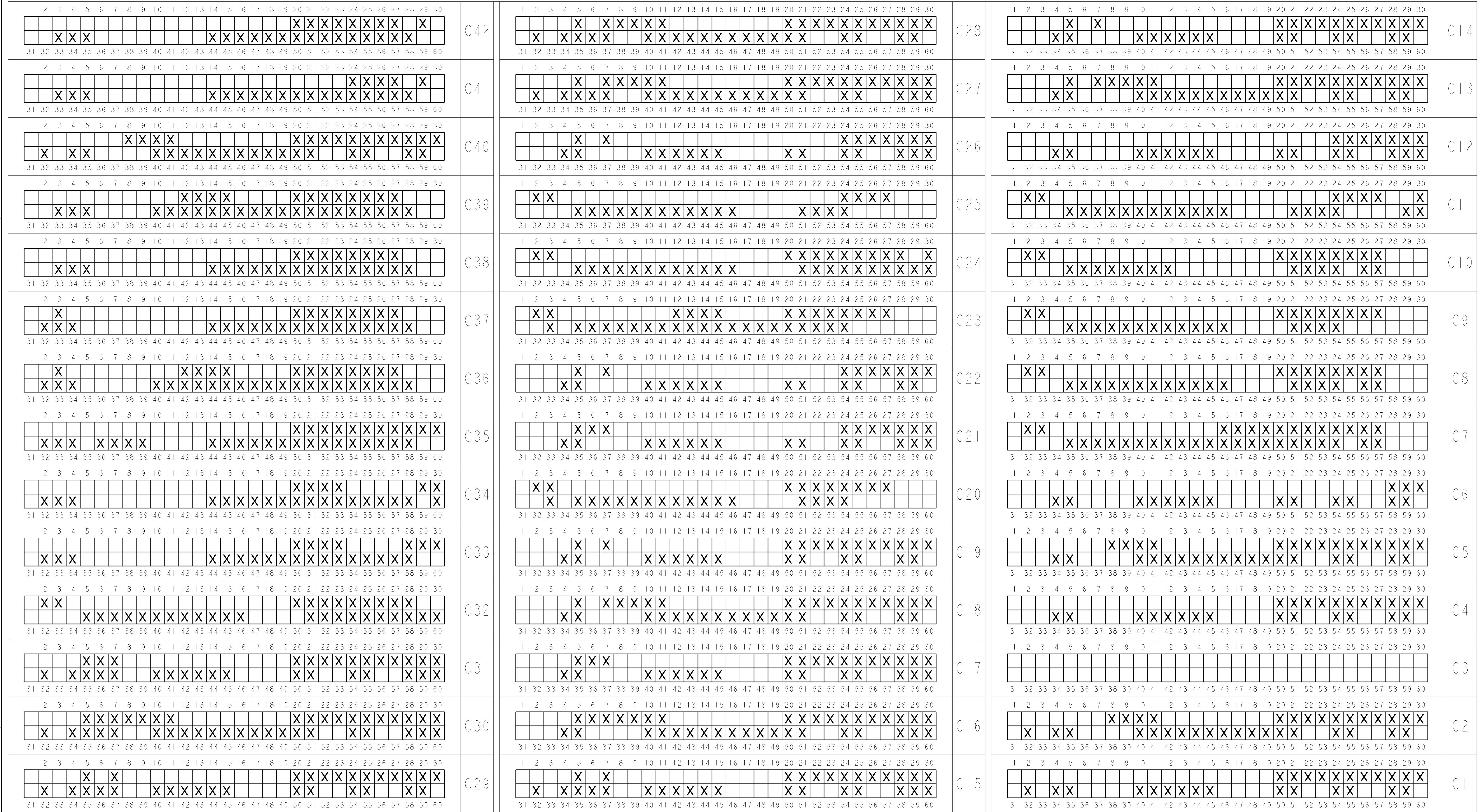
|                                        |  |                            |                                                                |               |
|----------------------------------------|--|----------------------------|----------------------------------------------------------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN. J. R. SHUEY 31MAR2000 | TE Connectivity                                                |               |
|                                        |  | CHK. V. KANE 31MAR2000     |                                                                |               |
| DIMENSIONS:                            |  | APVD. J. M. MYER 31MAR2000 | NAME                                                           |               |
| mm                                     |  | PRODUCT SPEC               | ASSEMBLY, FEMALE, 60 WAY GET-SDM CONNECTOR (SHUNTLESS VERSION) |               |
|                                        |  | APPLICATION SPEC           |                                                                |               |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | 114-13060                  | SIZE                                                           | CAGE CODE     |
| 0 PLC ±.1                              |  | FINISH                     | 100779                                                         | DRAWING NO.   |
| 1 PLC ±0.5                             |  | WEIGHT                     | 638595                                                         | RESTRICTED TO |
| 2 PLC ±0.20                            |  | CUSTOMER DRAWING           |                                                                | SCALE         |
| 3 PLC ±.1                              |  |                            |                                                                | 2:1           |
| 4 PLC ±.1                              |  |                            |                                                                | SHEET         |
| ANGLES                                 |  |                            |                                                                | 5 OF 10       |
| FINISH                                 |  |                            |                                                                | REV. A3       |
| MATERIAL                               |  |                            |                                                                |               |
| SEE CALLOUT                            |  |                            |                                                                |               |

| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DWN | APVD |
| -         | -   | SEE SHEET 1 | -    | -   | -    |
|           |     |             |      |     |      |
|           |     |             |      |     |      |
|           |     |             |      |     |      |

|                                                                                       |       |
|---------------------------------------------------------------------------------------|-------|
|    | K 9 9 |
|    | K 7   |
|   | K 6   |
|  | K 5   |
|  | K 4   |
|  | K 3   |
|  | K 2   |
|  | K 1   |

KEYING ARRANGEMENT  
(  INDICATES PRESENCE OF  
KEYWAY OR ABSENCE OF KEY )

|                                                                                       |  |                                                                |                                 |                               |                                                                                                                  |                                                                      |  |
|---------------------------------------------------------------------------------------|--|----------------------------------------------------------------|---------------------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  |                                                                | DWN<br>J. R. SHUEY<br>31MAR2000 |                               | <div> TE Connectivity</div> |                                                                      |  |
|                                                                                       |  |                                                                | CHK<br>V. KANE<br>31MAR2000     |                               |                                                                                                                  |                                                                      |  |
|                                                                                       |  |                                                                | APVD<br>J. M. MYER<br>31MAR2000 |                               |                                                                                                                  |                                                                      |  |
|                                                                                       |  |                                                                | PRODUCT SPEC<br>-               |                               |                                                                                                                  |                                                                      |  |
| DIMENSIONS:                                                                           |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                         |                                 | NAME                          |                                                                                                                  | ASSEMBLY, FEMALE,<br>60 WAY GET SDM CONNECTOR<br>(SHUNTLESS VERSION) |  |
| mm                                                                                    |  |                                                                |                                 |                               |                                                                                                                  |                                                                      |  |
|  |  | 0 PLC ±.0<br>1 PLC ±0.5<br>2 PLC ±0.20<br>3 PLC ±.<br>4 PLC ±. |                                 | APPLICATION SPEC<br>114-13060 |                                                                                                                  |                                                                      |  |
|                                                                                       |  | ANGLES ±.                                                      |                                 | WEIGHT -                      |                                                                                                                  |                                                                      |  |
| MATERIAL                                                                              |  | FINISH                                                         |                                 | SIZE                          |                                                                                                                  | RESTRICTED TO                                                        |  |
| -                                                                                     |  | -                                                              |                                 | A1                            |                                                                                                                  | -                                                                    |  |
| SEE CALLOUT                                                                           |  | SEE CALLOUT                                                    |                                 | CAGE CODE                     |                                                                                                                  | DRAWING NO                                                           |  |
|                                                                                       |  |                                                                |                                 | 00779                         |                                                                                                                  | C=638595                                                             |  |
|                                                                                       |  |                                                                |                                 | CUSTOMER DRAWING              |                                                                                                                  | SCALE                                                                |  |
|                                                                                       |  |                                                                |                                 |                               |                                                                                                                  | 2:1                                                                  |  |
|                                                                                       |  |                                                                |                                 |                               |                                                                                                                  | SHEET                                                                |  |
|                                                                                       |  |                                                                |                                 |                               |                                                                                                                  | 6 OF 10                                                              |  |
|                                                                                       |  |                                                                |                                 |                               |                                                                                                                  | REV. BA3                                                             |  |



[X] INDICATES UNAVAILABLE (BLOCKED) CIRCUIT

|                                                                                       |                                        |                   |           |                                                                                                       |                                                                      |
|---------------------------------------------------------------------------------------|----------------------------------------|-------------------|-----------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |                                        | DWN<br>V.R. SHUEY | 31MAR2000 |  TE Connectivity |                                                                      |
| DIMENSIONS:                                                                           |                                        | CHK<br>V. KANE    | 31MAR2000 |                                                                                                       |                                                                      |
| mm                                                                                    | TOLERANCES UNLESS OTHERWISE SPECIFIED: | APVD<br>M. MYER   | 31MAR2000 | NAME                                                                                                  | ASSEMBLY, FEMALE,<br>60 WAY GET SDM CONNECTOR<br>(SHUNTLESS VERSION) |
|  | PRODUCT SPEC                           |                   |           |                                                                                                       |                                                                      |
|                                                                                       | APPLICATION SPEC                       | 114-13060         |           | SIZE                                                                                                  |                                                                      |
|                                                                                       | WEIGHT                                 |                   |           | CAGE CODE                                                                                             |                                                                      |
| MATERIAL                                                                              | FINISH                                 | CUSTOMER DRAWING  |           | DRAWING NO.                                                                                           | RESTRICTED TO                                                        |
| SEE CALLOUT                                                                           | SEE CALLOUT                            |                   |           | A100779                                                                                               | G=638595                                                             |
|                                                                                       |                                        |                   |           | SCALE                                                                                                 | 2:1                                                                  |
|                                                                                       |                                        |                   |           | SHEET                                                                                                 | 7 OF 10                                                              |
|                                                                                       |                                        |                   |           | REV                                                                                                   | BA3                                                                  |





