

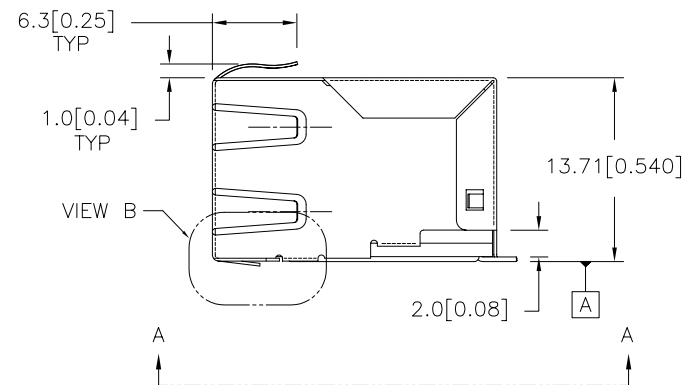
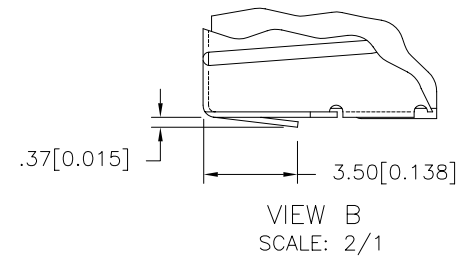
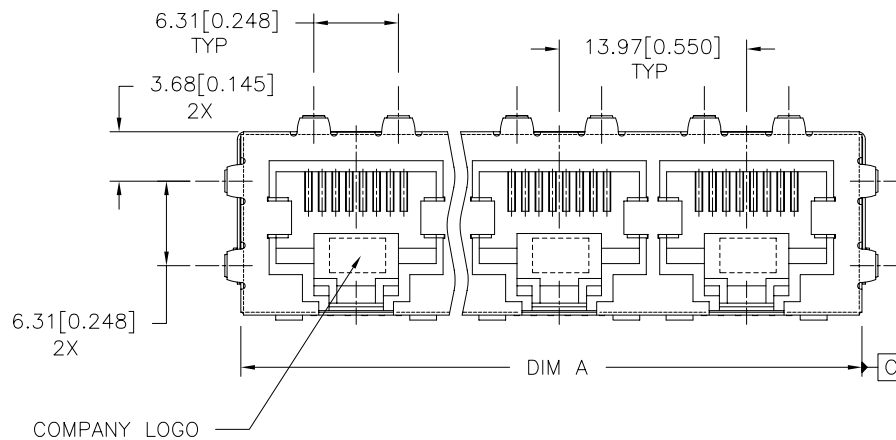
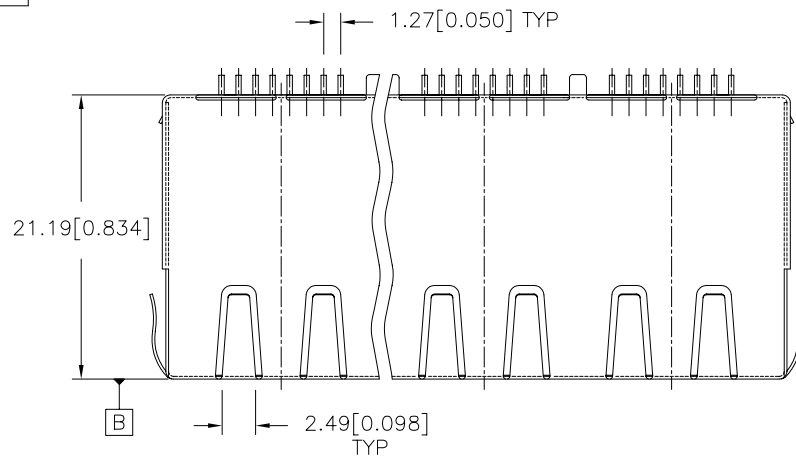


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PRODUCT NO

SEE TABLE



|             |          |     |          |          |                                       |                 |                |                               |  |                   |
|-------------|----------|-----|----------|----------|---------------------------------------|-----------------|----------------|-------------------------------|--|-------------------|
| mat'l. code |          |     |          | surface  | tolerance                             | projection      | product family |                               |  |                   |
| -           |          |     |          | ISO 1302 | ISO 406<br>ISO 1101                   |                 | MOD JACK       |                               |  |                   |
| ltr         | ecn      | no  | dr       | date     | tolerances unless otherwise specified |                 | MM/INCH        | title                         |  |                   |
| A           | V91919   | BKB | 9/13/99  |          | angles                                | .X±.3/.01       |                | NET JACK II, RJ45 SMT         |  |                   |
| B           | V92061   | LP  | 10/20/99 |          | linear                                | .XX±.13/.005    |                | ASSEMBLY NO PEG               |  |                   |
| C           | V12718   | LP  | 1/22/02  | 0'±2'    |                                       | .XXX±.051/.0020 |                | scale 1:1                     |  |                   |
| D           | M06-0224 | ERE | 06/12/06 | dr       | B. BAHN                               | 8/3/99          | FCI            | dwg no                        |  | sheet 1 of 4 size |
|             |          |     |          | engr     | B. BRUBAKER                           | 8/3/99          |                | 98520                         |  | A3                |
|             |          |     |          | chr      | B. BRUBAKER                           | 8/3/99          |                | type Product Customer Drawing |  |                   |
|             |          |     |          | appd     | B. BRUBAKER                           | 8/3/99          |                |                               |  |                   |
| sheet       | revision | D   | D        | D        | D                                     | D               |                |                               |  |                   |
| index       | sheet    | 1   | 2        | 3        | 4                                     |                 |                |                               |  |                   |

form: A3



1. HOUSING MATL: HIGH TEMP. THERMOPLASTIC, COLOR BLACK, UL94V-0.
2. CONTACT MATL: COPPER ALLOY  
MATING AREA PLATING: Au OVER Ni., (SEE TABLE).  
SOLDER AREA PLATING: 2.54uM/100u" MIN TIN LEAD OVER Ni.
3. SHIELDING MAT'L: TIN PLATED COPPER ALLOY.
4. ALL DIMENSIONS IN MILLIMETERS AND INCHES.
5. UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M 1994.

|                                                                                       |     |         |   |   |   |
|---------------------------------------------------------------------------------------|-----|---------|---|---|---|
|  | .25 | [0.010] | A | B | C |
|---------------------------------------------------------------------------------------|-----|---------|---|---|---|

ALL UNTOLERANCED DIMENSIONS ARE BASIC.

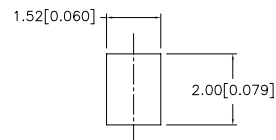
⑥. SEE SHEET 4 FOR GROUND TAB CONFIGURATION.

|                  |        |                |      |                                       |             |                                  |  |                                                                                                     |                                                                                       |                                          |  |  |  |
|------------------|--------|----------------|------|---------------------------------------|-------------|----------------------------------|--|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------|--|--|--|
| mat'l. code<br>— |        |                |      | surface<br>ISO 1302 ✓                 |             | tolerance<br>ISO 406<br>ISO 1101 |  | projection<br> |                                                                                       | product family<br>MOD JACK               |  |  |  |
| ltr              | ecn no | dr             | date | tolerances unless otherwise specified |             |                                  |  |                                                                                                     | MM/INCH<br><br>scale 1:1                                                              | title                                    |  |  |  |
| D                |        |                |      | angles                                | linear      | .X±.3/.01                        |  |                                                                                                     |                                                                                       | NET JACK II, RJ45 SMT<br>ASSEMBLY NO PEG |  |  |  |
|                  |        |                |      |                                       |             | .XX±.13/.005                     |  |                                                                                                     |                                                                                       |                                          |  |  |  |
|                  |        |                |      | 0'±2'                                 |             | .XXX±.051/.0020                  |  |                                                                                                     |                                                                                       |                                          |  |  |  |
|                  |        |                |      | dr                                    | B. BAHN     | 8/3/99                           |  |                                                                                                     |  | dwg no sheet 2 of 4 size                 |  |  |  |
|                  |        |                |      | enrg                                  | B. BRUBAKER | 8/3/99                           |  |                                                                                                     |                                                                                       | 98520 A3                                 |  |  |  |
|                  |        |                |      | chr                                   | B. BRUBAKER | 8/3/99                           |  |                                                                                                     |                                                                                       |                                          |  |  |  |
|                  |        |                |      | appd                                  | B. BRUBAKER | 8/3/99                           |  |                                                                                                     |                                                                                       | type Product Customer Drawing            |  |  |  |
| sheet index      |        | revision sheet |      |                                       |             |                                  |  |                                                                                                     |                                                                                       |                                          |  |  |  |

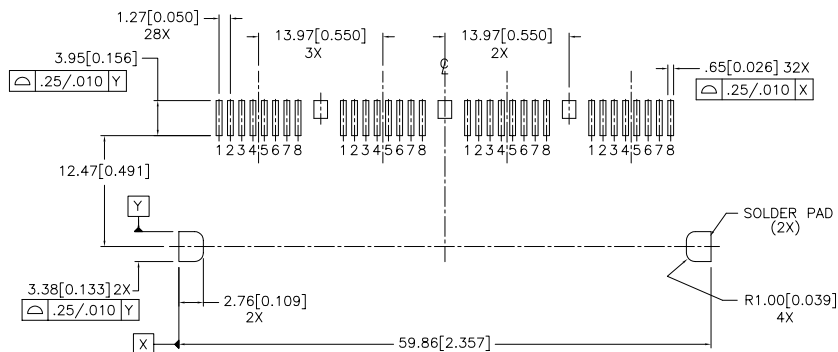
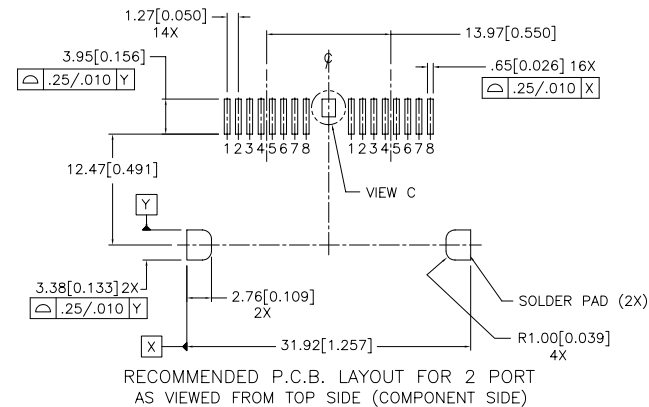
| PRODUCT NO   | DIM A         | DIM B         | DIM C         |
|--------------|---------------|---------------|---------------|
| 98520-52YXXX | 31.17 [1.227] | 31.68 [1.247] | 32.11 [1.264] |
| 98520-54YXXX | 59.11 [2.327] | 59.62 [2.347] | 60.05 [2.364] |

NETJACK MAGNETICS  
OPTION CODE - XXX  
SEE GES-12-020

| SPRING OPTION Y | DESCRIPTION (SEE SHEET 4 FOR OPTION VIEWS)         |
|-----------------|----------------------------------------------------|
| 1               | SPRINGS ON TOP, BOTTOM, AND BOTH SIDES             |
| 2               | NO SPRINGS                                         |
| 3               | SPRINGS ON TOP AND BOTTOM                          |
| 4               | SPRINGS ON TOP, BOTTOM, AND 1 PER SIDE (STAGGERED) |
| 5               | SAME AS OPTION 4, EXCEPT OPPOSITE STAGGER          |



VIEW C  
SCALE: 4/1  
1X FOR 2 PORT  
3X FOR 4 PORT



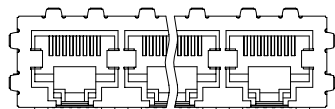
RECOMMENDED P.C.B. LAYOUT FOR 4 PORT  
AS VIEWED FROM TOP SIDE (COMPONENT SIDE)

|             |          |    |    |            |                                       |            |                                          |
|-------------|----------|----|----|------------|---------------------------------------|------------|------------------------------------------|
| mat'l. code |          |    |    | surface    | tolerance                             | projection | product family                           |
| -           |          |    |    | ISO 1302 ✓ | ISO 406<br>ISO 1101                   | MM/INCH    | MOD JACK                                 |
| ltr         | ecr      | no | dr | date       | tolerances unless otherwise specified |            | title                                    |
| D           |          |    |    |            | linear                                | scale 1:1  | NET JACK II, RJ45 SMT<br>ASSEMBLY NO PEG |
|             |          |    |    |            | 0'±2'                                 |            | dwg no                                   |
|             |          |    |    |            |                                       |            | sheet 3 of 4 size                        |
|             |          |    |    |            | dr B. BAHN 8/3/99                     |            | 98520 A3                                 |
|             |          |    |    |            | enr B. BRUBAKER 8/3/99                |            |                                          |
|             |          |    |    |            | chr B. BRUBAKER 8/3/99                |            |                                          |
|             |          |    |    |            | app B. BRUBAKER 8/3/99                |            |                                          |
| sheet       | revision |    |    |            |                                       |            | type Product Customer Drawing            |
| index       | sheet    |    |    |            |                                       |            |                                          |

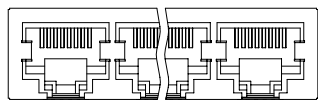
PRODUCT NO

SEE TABLE

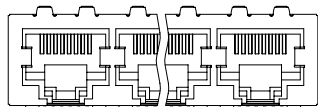
SPRING OPTION Y CONFIG.



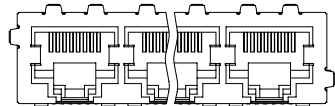
SPRING OPTION 1



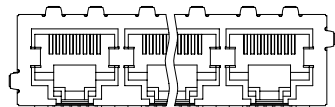
SPRING OPTION 2



SPRING OPTION 3



SPRING OPTION 4

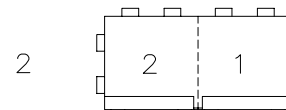
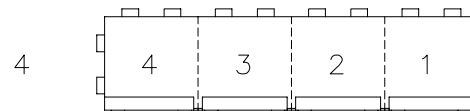


SPRING OPTION 5

LATCHING AND GROUNDING TAB LOCATING CONFIG.

AS VIEWED FROM THE BACKSIDE

PORT NUMBERS



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|             |     |                |    |            |  |                                       |             |                                                                                       |  |                                                                                       |  |                                          |  |             |          |         |
|-------------|-----|----------------|----|------------|--|---------------------------------------|-------------|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|------------------------------------------|--|-------------|----------|---------|
| mat'l. code |     |                |    | surface    |  | tolerance                             |             | projection                                                                            |  | product family                                                                        |  |                                          |  |             |          |         |
| —           |     |                |    | ISO 1302 ✓ |  | ISO 406<br>ISO 1101                   |             |  |  | MOD JACK                                                                              |  |                                          |  |             |          |         |
|             |     |                |    |            |  |                                       |             |                                                                                       |  |                                                                                       |  |                                          |  |             |          |         |
|             |     |                |    |            |  |                                       |             |                                                                                       |  |                                                                                       |  |                                          |  |             |          |         |
|             |     |                |    |            |  |                                       |             |                                                                                       |  |                                                                                       |  |                                          |  |             |          |         |
| ltr         | ecn | no             | dr | date       |  | tolerances unless otherwise specified |             |                                                                                       |  |                                                                                       |  |                                          |  |             |          |         |
| D           |     |                |    |            |  | angles                                | linear      | .X±.3/.01                                                                             |  | MM/INCH                                                                               |  | NET JACK II, RJ45 SMT<br>ASSEMBLY NO PEG |  |             |          |         |
|             |     |                |    |            |  |                                       |             | .XX±.13/.005                                                                          |  |                                                                                       |  |                                          |  |             |          |         |
|             |     |                |    |            |  | 0°±2'                                 |             | .XXX±.051/.0020                                                                       |  |                                                                                       |  |                                          |  |             |          |         |
|             |     |                |    |            |  |                                       |             | scale 1:1                                                                             |  |                                                                                       |  |                                          |  |             |          |         |
|             |     |                |    |            |  | dr                                    | B. BAHN     | 8/3/99                                                                                |  |  |  | dwg no                                   |  | sheet4 of 4 |          | size    |
|             |     |                |    |            |  | enrg                                  | B. BRUBAKER | 8/3/99                                                                                |  |                                                                                       |  | 98520                                    |  |             |          | A3      |
|             |     |                |    |            |  | chr                                   | B. BRUBAKER | 8/3/99                                                                                |  |                                                                                       |  |                                          |  |             |          |         |
|             |     |                |    |            |  | appd                                  | B. BRUBAKER | 8/3/99                                                                                |  |                                                                                       |  |                                          |  |             |          |         |
| sheet index |     | revision sheet |    |            |  |                                       |             |                                                                                       |  |                                                                                       |  | type                                     |  | Product     | Customer | Drawing |
|             |     |                |    |            |  |                                       |             |                                                                                       |  |                                                                                       |  |                                          |  |             |          |         |

