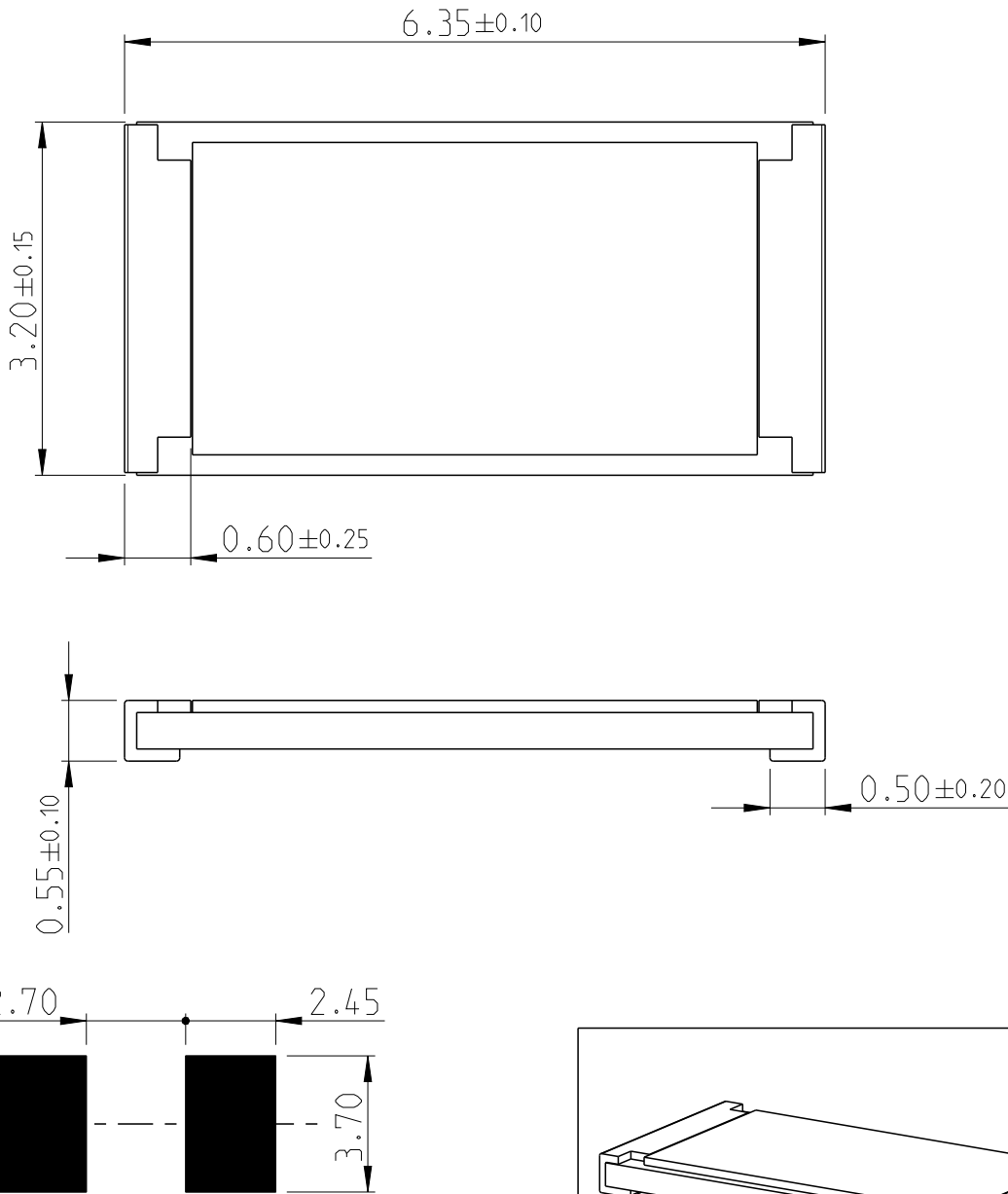


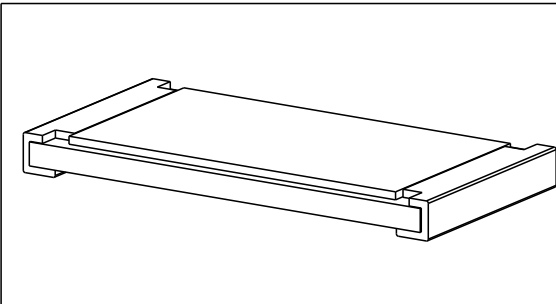
KIT CONTENTS

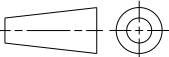
| VALUE | PRODUCT NUMBER | TCPN        | DESCRIPTION         | QUANTITY |
|-------|----------------|-------------|---------------------|----------|
| 10R   | CRGH2512J10R   | 2-1879501-5 | CRGH2512 5% 10R 2W  | 100      |
| 12R   | CRGH2512J12R   | 2-1879501-7 | CRGH2512 5% 12R 2W  | 100      |
| 15R   | CRGH2512J15R   | 2-1879501-9 | CRGH2512 5% 15R 2W  | 100      |
| 18R   | CRGH2512J18R   | 3-1879501-1 | CRGH2512 5% 18R 2W  | 100      |
| 22R   | CRGH2512J22R   | 3-1879501-3 | CRGH2512 5% 22R 2W  | 100      |
| 27R   | CRGH2512J27R   | 3-1879501-5 | CRGH2512 5% 27R 2W  | 100      |
| 33R   | CRGH2512J33R   | 3-1879501-7 | CRGH2512 5% 33R 2W  | 100      |
| 39R   | CRGH2512J39R   | 3-1879501-9 | CRGH2512 5% 39R 2W  | 100      |
| 47R   | CRGH2512J47R   | 4-1879501-1 | CRGH2512 5% 47R 2W  | 100      |
| 56R   | CRGH2512J56R   | 4-1879501-3 | CRGH2512 5% 56R 2W  | 100      |
| 68R   | CRGH2512J68R   | 4-1879501-5 | CRGH2512 5% 68R 2W  | 100      |
| 82R   | CRGH2512J82R   | 4-1879501-7 | CRGH2512 5% 82R 2W  | 100      |
| 100R  | CRGH2512J100R  | 4-1879501-9 | CRGH2512 5% 100R 2W | 100      |
| 120R  | CRGH2512J120R  | 5-1879501-1 | CRGH2512 5% 120R 2W | 100      |
| 150R  | CRGH2512J150R  | 5-1879501-3 | CRGH2512 5% 150R 2W | 100      |
| 180R  | CRGH2512J180R  | 5-1879501-5 | CRGH2512 5% 180R 2W | 100      |
| 200R  | CRGH2512J200R  | 5-1879501-6 | CRGH2512 5% 200R 2W | 100      |
| 220R  | CRGH2512J220R  | 5-1879501-7 | CRGH2512 5% 220R 2W | 100      |
| 270R  | CRGH2512J270R  | 5-1879501-9 | CRGH2512 5% 270R 2W | 100      |
| 300R  | CRGH2512J300R  | 6-1879501-0 | CRGH2512 5% 300R 2W | 100      |
| 330R  | CRGH2512J330R  | 6-1879501-1 | CRGH2512 5% 330R 2W | 100      |
| 390R  | CRGH2512J390R  | 6-1879501-3 | CRGH2512 5% 390R 2W | 100      |
| 470R  | CRGH2512J470R  | 6-1879501-5 | CRGH2512 5% 470R 2W | 100      |
| 560R  | CRGH2512J560R  | 6-1879501-7 | CRGH2512 5% 560R 2W | 100      |
| 680R  | CRGH2512J680R  | 6-1879501-9 | CRGH2512 5% 680R 2W | 100      |
| 820R  | CRGH2512J820R  | 7-1879501-1 | CRGH2512 5% 820R 2W | 100      |
| 1K0   | CRGH2512J1K0   | 7-1879501-3 | CRGH2512 5% 1K0 2W  | 100      |
| 1K2   | CRGH2512J1K2   | 7-1879501-5 | CRGH2512 5% 1K2 2W  | 100      |

| P | LTR | DESCRIPTION     | DATE      | DWN | APVD |
|---|-----|-----------------|-----------|-----|------|
|   | BA  | INITIAL RELEASE | 26SEP2019 | SB  | AP   |
|   |     |                 |           |     |      |
|   |     |                 |           |     |      |
|   |     |                 |           |     |      |



PCB LAYOUT PLAN



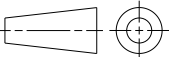
|                                                                                       |  |                                        |           |                                                                                                       |  |
|---------------------------------------------------------------------------------------|--|----------------------------------------|-----------|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN                                    | 26SEP2019 |  TE Connectivity |  |
|                                                                                       |  | CHK                                    | 26SEP2019 |                                                                                                       |  |
|                                                                                       |  | ALLAN P                                |           |                                                                                                       |  |
|                                                                                       |  | APVD                                   |           |                                                                                                       |  |
| DIMENSIONS:<br>mm                                                                     |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |           | NAME<br>CRGH 2512 5% 10R-1M0 LAB-KIT                                                                  |  |
|  |  | 0 PLC ±                                |           | SIZE                                                                                                  |  |
|                                                                                       |  | 1 PLC ±                                |           | CAGE CODE                                                                                             |  |
|                                                                                       |  | 2 PLC ±                                |           | DRAWING NO                                                                                            |  |
|                                                                                       |  | 3 PLC ±                                |           | RESTRICTED TO                                                                                         |  |
|                                                                                       |  | 4 PLC ±                                |           | A3 00779 ©-2176439-5                                                                                  |  |
|                                                                                       |  | ANGLES ±                               |           | SCALE 40:1                                                                                            |  |
| MATERIAL                                                                              |  | FINISH                                 |           | SHEET 1 OF 2                                                                                          |  |
| -                                                                                     |  | -                                      |           | REV BA                                                                                                |  |
|                                                                                       |  |                                        |           | CUSTOMER DRAWING                                                                                      |  |

KIT CONTENTS

| VALUE | PRODUCT NUMBER | TCPN        | DESCRIPTION         | QUANTITY |
|-------|----------------|-------------|---------------------|----------|
| 1K5   | CRGH2512J1K5   | 7-1879501-7 | CRGH2512 5% 1K5 2W  | 100      |
| 1K8   | CRGH2512J1K8   | 7-1879501-9 | CRGH2512 5% 1K8 2W  | 100      |
| 2K2   | CRGH2512J2K2   | 8-1879501-1 | CRGH2512 5% 2K2 2W  | 100      |
| 2K7   | CRGH2512J2K7   | 8-1879501-3 | CRGH2512 5% 2K7 2W  | 100      |
| 3K3   | CRGH2512J3K3   | 8-1879501-5 | CRGH2512 5% 3K3 2W  | 100      |
| 3K9   | CRGH2512J3K9   | 8-1879501-7 | CRGH2512 5% 3K9 2W  | 100      |
| 4K7   | CRGH2512J4K7   | 8-1879501-9 | CRGH2512 5% 4K7 2W  | 100      |
| 5K6   | CRGH2512J5K6   | 9-1879501-1 | CRGH2512 5% 5K6 2W  | 100      |
| 6K8   | CRGH2512J6K8   | 9-1879501-3 | CRGH2512 5% 6K8 2W  | 100      |
| 8K2   | CRGH2512J8K2   | 9-1879501-5 | CRGH2512 5% 8K2 2W  | 100      |
| 10K   | CRGH2512J10K   | 9-1879501-7 | CRGH2512 5% 10K 2W  | 100      |
| 12K   | CRGH2512J12K   | 9-1879501-9 | CRGH2512 5% 12K 2W  | 100      |
| 15K   | CRGH2512J15K   | 1879502-2   | CRGH2512 5% 15K 2W  | 100      |
| 18K   | CRGH2512J18K   | 1879502-4   | CRGH2512 5% 18K 2W  | 100      |
| 22K   | CRGH2512J22K   | 1879502-6   | CRGH2512 5% 22K 2W  | 100      |
| 27K   | CRGH2512J27K   | 1879502-8   | CRGH2512 5% 27K 2W  | 100      |
| 33K   | CRGH2512J33K   | 1-1879502-0 | CRGH2512 5% 33K 2W  | 100      |
| 39K   | CRGH2512J39K   | 1-1879502-2 | CRGH2512 5% 39K 2W  | 100      |
| 47K   | CRGH2512J47K   | 1-1879502-4 | CRGH2512 5% 47K 2W  | 100      |
| 56K   | CRGH2512J56K   | 1-1879502-6 | CRGH2512 5% 56K 2W  | 100      |
| 68K   | CRGH2512J68K   | 1-1879502-8 | CRGH2512 5% 68K 2W  | 100      |
| 82K   | CRGH2512J82K   | 2-1879502-0 | CRGH2512 5% 82K 2W  | 100      |
| 100K  | CRGH2512J100K  | 2-1879502-2 | CRGH2512 5% 100K 2W | 100      |
| 120K  | CRGH2512J120K  | 2-1879502-4 | CRGH2512 5% 120K 2W | 100      |
| 150K  | CRGH2512J150K  | 2-1879502-6 | CRGH2512 5% 150K 2W | 100      |
| 180K  | CRGH2512J180K  | 2-1879502-8 | CRGH2512 5% 180K 2W | 100      |
| 220K  | CRGH2512J220K  | 3-1879502-0 | CRGH2512 5% 220K 2W | 100      |
| 270K  | CRGH2512J270K  | 3-1879502-2 | CRGH2512 5% 270K 2W | 100      |

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

| VALUE | PRODUCT NUMBER | TCPN        | DESCRIPTION         | QUANTITY |
|-------|----------------|-------------|---------------------|----------|
| 330K  | CRGH2512J330K  | 3-1879502-4 | CRGH2512 5% 330K 2W | 100      |
| 390K  | CRGH2512J390K  | 3-1879502-6 | CRGH2512 5% 390K 2W | 100      |
| 470K  | CRGH2512J470K  | 3-1879502-8 | CRGH2512 5% 470K 2W | 100      |
| 560K  | CRGH2512J560K  | 4-1879502-0 | CRGH2512 5% 560K 2W | 100      |
| 680K  | CRGH2512J680K  | 4-1879502-2 | CRGH2512 5% 680K 2W | 100      |
| 820K  | CRGH2512J820K  | 4-1879502-4 | CRGH2512 5% 820K 2W | 100      |
| 1M0   | CRGH2512J1M0   | 4-1879502-6 | CRGH2512 5% 1M0 2W  | 100      |
| 1M2   | CRGH2512J1M2   | 4-1879502-8 | CRGH2512 5% 1M2 2W  | 100      |
| 1M5   | CRGH2512J1M5   | 5-1879502-0 | CRGH2512 5% 1M5 2W  | 100      |
| 1M8   | CRGH2512J1M8   | 5-1879502-2 | CRGH2512 5% 1M8 2W  | 100      |
| 2M2   | CRGH2512J2M2   | 5-1879502-4 | CRGH2512 5% 2M2 2W  | 100      |
| 2M7   | CRGH2512J2M7   | 5-1879502-6 | CRGH2512 5% 2M7 2W  | 100      |
| 3M3   | CRGH2512J3M3   | 5-1879502-8 | CRGH2512 5% 3M3 2W  | 100      |
| 3M9   | CRGH2512J3M9   | 6-1879502-0 | CRGH2512 5% 3M9 2W  | 100      |
| 4M7   | CRGH2512J4M7   | 6-1879502-2 | CRGH2512 5% 4M7 2W  | 100      |
| 5M6   | CRGH2512J5M6   | 6-1879502-4 | CRGH2512 5% 5M6 2W  | 100      |
| 6M8   | CRGH2512J6M8   | 6-1879502-6 | CRGH2512 5% 6M8 2W  | 100      |
| 8M2   | CRGH2512J8M2   | 6-1879502-8 | CRGH2512 5% 8M2 2W  | 100      |
| 10M   | CRGH2512J10M   | 7-1879502-0 | CRGH2512 5% 10M 2W  | 100      |

|                                                                                       |  |                                        |  |                                                                                                       |  |
|---------------------------------------------------------------------------------------|--|----------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN 26SEP2019<br>SHRICHARANA B         |  |  TE Connectivity |  |
|                                                                                       |  | CHK 26SEP2019<br>ALLAN P               |  |                                                                                                       |  |
| DIMENSIONS:<br>mm                                                                     |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | NAME<br>CRGH 2512 5% 10R-1M0 LAB-KIT                                                                  |  |
|  |  | 0 PLC ±-                               |  | PRODUCT SPEC                                                                                          |  |
|                                                                                       |  | 1 PLC ±-                               |  | -                                                                                                     |  |
|                                                                                       |  | 2 PLC ±-                               |  | APPLICATION SPEC                                                                                      |  |
|                                                                                       |  | 3 PLC ±-                               |  | -                                                                                                     |  |
|                                                                                       |  | 4 PLC ±-                               |  | SIZE                                                                                                  |  |
|                                                                                       |  | ANGLES ±                               |  | CAGE CODE                                                                                             |  |
| MATERIAL                                                                              |  | FINISH                                 |  | DRAWING NO                                                                                            |  |
| -                                                                                     |  | -                                      |  | RESTRICTED TO                                                                                         |  |
| CUSTOMER DRAWING                                                                      |  |                                        |  | SCALE 40:1                                                                                            |  |
|                                                                                       |  |                                        |  | SHEET 2 OF 2                                                                                          |  |
|                                                                                       |  |                                        |  | REV BA                                                                                                |  |

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