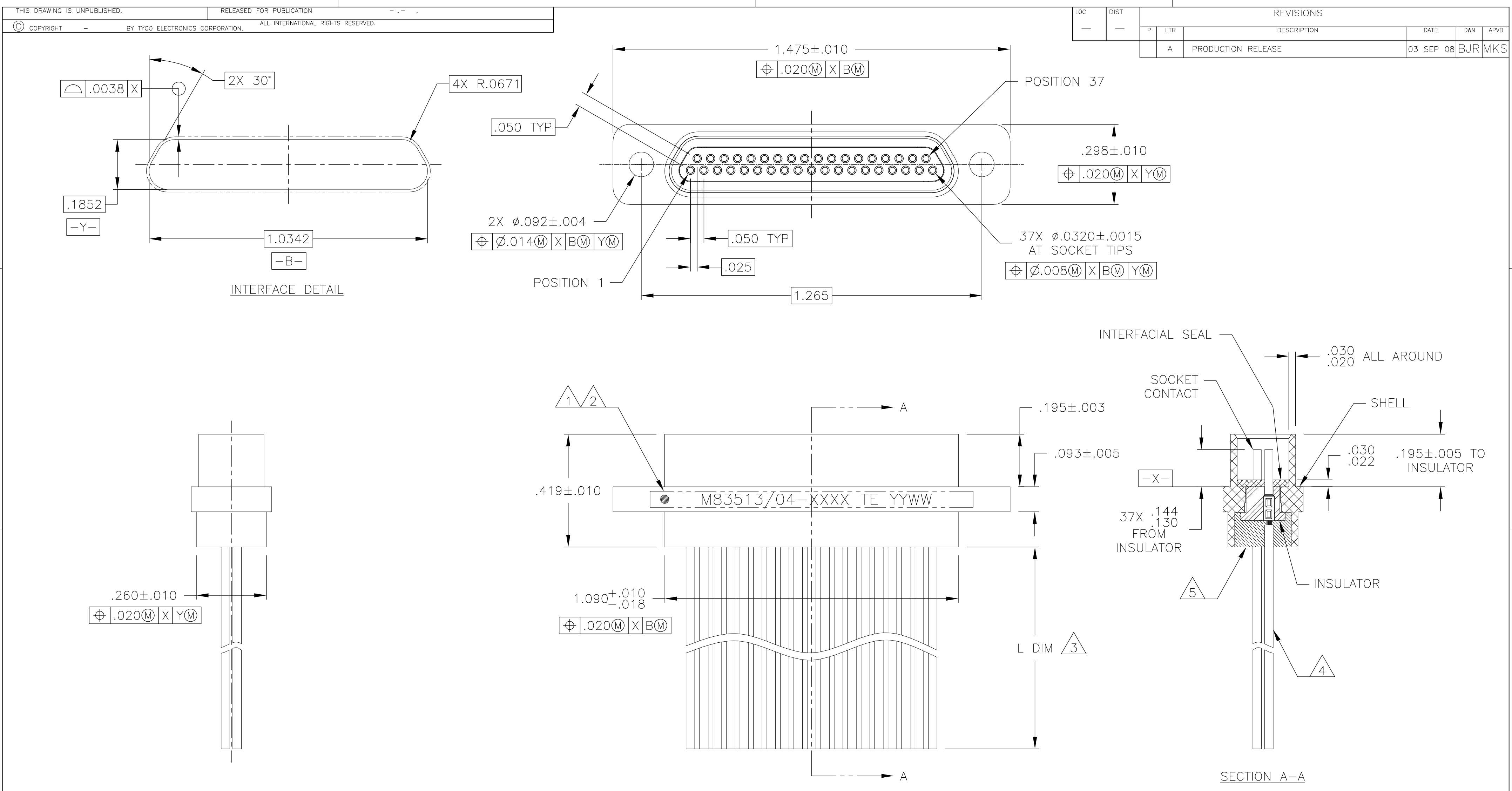




- 1
- CONNECTOR SHALL BE MARKED IN ACCORDANCE WITH METHOD I OF MIL-STD-1285. MARKING SHALL CONTAIN THE MILITARY PIN, CAGE CODE (OR TE), AND DATE CODE. EXAMPLE: M83513/04-XXXX TE YYWW (WHERE XXXX IS PART OF THE PIN SHOWN IN THE "MIL-DTL-83513" COLUMN OF THE PART NUMBER TABLE, AND YYWW IS THE DATE CODE). TEXT HEIGHT SHALL BE .035 INCH MINIMUM.
- 2
- POSITION 1 SHALL BE INDICATED BY AN IDENTIFIABLE MARK, LOCATED APPROXIMATELY AS SHOWN ON THE POSITION 1 SIDE OF THE CONNECTOR FLANGE. THIS MARK SHALL BE INCLUDED AS PART OF THE PART MARKING INFORMATION.
- 3
- LENGTH IS SHOWN IN THE "L DIM" COLUMN OF THE PART NUMBER TABLE. LENGTH TOLERANCE IS  $+1.0/-0.0$  FOR INSULATED WIRE TERMINATIONS, AND  $+0.20/-0.00$  FOR UNINSULATED WIRE TERMINATIONS
- 4
- INSULATED WIRE IS SHOWN FOR REFERENCE ONLY. PART MAY BE TERMINATED WITH INSULATED OR UNINSULATED WIRE ACCORDING TO THE PART NUMBER TABLE.
- 5
- EPOXY ENCAPSULATION. EPOXY MAY WICK .125 INCH MAX FOR INSULATED WIRE, AND .050 INCH MAX FOR UNINSULATED WIRE.
- 6
- ALL DIMENSIONS AND REQUIREMENTS ARE PER MIL-DTL-83513/4

|                                        |  |                                  |                                                           |                    |
|----------------------------------------|--|----------------------------------|-----------------------------------------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>B. ROMANCHUK<br>03 SEP 08 | Tyco Electronics Corporation<br>Harrisburg, PA 17105-3608 |                    |
| DIMENSIONS:<br>INCHES                  |  | CHK<br>—                         | NAME                                                      |                    |
|                                        |  | APVD<br>M. STORRY<br>03 SEP 08   | PRODUCT SPEC                                              |                    |
|                                        |  | APPLICATION SPEC                 |                                                           |                    |
| MATERIAL<br>SEE NOTES                  |  | WEIGHT<br>—                      | SIZE<br>A2                                                | CAGE CODE<br>98278 |
| FINISH<br>—                            |  | DRAWING NO<br>C=1532176          |                                                           | RESTRICTED TO<br>— |
| CUSTOMER DRAWING                       |  | SCALE<br>4:1                     | SHEET<br>1 of 2                                           | REV<br>A           |

| LOC<br>— | DIST<br>— | REVISIONS |     |             |      |     |      |
|----------|-----------|-----------|-----|-------------|------|-----|------|
|          |           | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|          |           |           | —   | SEE SHEET 1 | —    | —   | —    |

| TE<br>PART NUMBER | <div>3</div> | <div>1</div>      |               |                        |
|-------------------|--------------|-------------------|---------------|------------------------|
|                   | L DIM        | MIL-DTL-83513 PIN | MICRODOT P/N  | MCKS DESCRIPTION       |
| 1532176-1         | 18           | M83513/04-F01N    | 094-6626-0001 | MCKS-N1-B-37S6G1-18.0  |
| 1532176-2         | 36           | M83513/04-F02N    | 094-6626-0002 | MCKS-N1-B-37S6G1-36.0  |
| 1532176-3         | 18           | M83513/04-F03N    | 094-6626-0003 | MCKS-N1-B-37S6G9-18.0  |
| 1532176-4         | 36           | M83513/04-F04N    | 094-6626-0004 | MCKS-N1-B-37S6G9-36.0  |
| 1532176-5         | 18           | M83513/04-F09N    | 094-6626-0009 | MCKS-N1-B-372S6Q1-18.0 |
| 1532176-6         | 36           | M83513/04-F10N    | 094-6626-0010 | MCKS-N1-B-37S6Q1-36.0  |
| 1532176-7         | 18           | M83513/04-F11N    | 094-6626-0011 | MCKS-N1-B-37S6Q9-18.0  |
| 1532176-8         | 36           | M83513/04-F12N    | 094-6626-0012 | MCKS-N1-B-37S6Q9-36.0  |
| 1532176-9         | 72           | M83513/04-F13N    | 094-6626-0013 | MCKS-N1-B-37S6G1-72.0  |
| 1-1532176-0       | 72           | M83513/04-F14N    | 094-6626-0014 | MCKS-N1-B-37S6G9-72.0  |
| 1-1532176-1       | 72           | M83513/04-F15N    | 094-6626-0015 | MCKS-N1-B-37S6Q1-72.0  |
| 1-1532176-2       | 72           | M83513/04-F16N    | 094-6626-0016 | MCKS-N1-B-37S6Q9-72.0  |
| 1-1532176-3       | 0.5          | M83513/04-F05N    | 094-6626-0005 | MCKS-N1-B-37S5L4-0.5   |
| 1-1532176-4       | 1.0          | M83513/04-F06N    | 094-6626-0006 | MCKS-N1-B-37S5L4-1.0   |
| 1-1532176-5       | 0.5          | M83513/04-F07N    | 094-6626-0007 | MCKS-N1-B-37S5L5-0.5   |
| 1-1532176-6       | 1.0          | M83513/04-F08N    | 094-6626-0008 | MCKS-N1-B-37S5L5-1.0   |
| 1-1532176-7       | 18           | M83513/04-F01C    | 094-6636-0001 | MCKS-C2-B-37S6G1-18.0  |
| 1-1532176-8       | 36           | M83513/04-F02C    | 094-6636-0002 | MCKS-C2-B-37S6G1-36.0  |
| 1-1532176-9       | 18           | M83513/04-F03C    | 094-6636-0003 | MCKS-C2-B-37S6G9-18.0  |
| 2-1532176-0       | 36           | M83513/04-F04C    | 094-6636-0004 | MCKS-C2-B-37S6G9-36.0  |
| 2-1532176-1       | 0.5          | M83513/04-F05C    | 094-6636-0005 | MCKS-C2-B-37S5L4-0.5   |
| 2-1532176-2       | 1.0          | M83513/04-F06C    | 094-6636-0006 | MCKS-C2-B-37S5L4-1.0   |
| 2-1532176-3       | 0.5          | M83513/04-F07C    | 094-6636-0007 | MCKS-C2-B-37S5L5-0.5   |
| 2-1532176-4       | 1.0          | M83513/04-F08C    | 094-6636-0008 | MCKS-C2-B-37S5L5-1.0   |
| 2-1532176-5       | 18           | M83513/04-F09C    | 094-6636-0009 | MCKS-C2-B-37S6Q1-18.0  |
| 2-1532176-6       | 36           | M83513/04-F10C    | 094-6636-0010 | MCKS-C2-B-37S6Q1-36.0  |
| 2-1532176-7       | 18           | M83513/04-F11C    | 094-6636-0011 | MCKS-C2-B-37S6Q9-18.0  |
| 2-1532176-8       | 36           | M83513/04-F12C    | 094-6636-0012 | MCKS-C2-B-37S6Q9-36.0  |
| 2-1532176-9       | 72           | M83513/04-F13C    | 094-6636-0013 | MCKS-C2-B-37S6G1-72.0  |
| 3-1532176-0       | 72           | M83513/04-F14C    | 094-6636-0014 | MCKS-C2-B-37S6G9-72.0  |
| 3-1532176-1       | 72           | M83513/04-F15C    | 094-6636-0015 | MCKS-C2-B-37S6Q1-72.0  |
| 3-1532176-2       | 72           | M83513/04-F16C    | 094-6636-0016 | MCKS-C2-B-37S6Q9-72.0  |

|                                                                                       |                                                                                                                                    |                     |           |                                                                                                                                                 |       |
|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |                                                                                                                                    | DWN<br>B. ROMANCHUK | 03 SEP 08 |  Tyco Electronics Corporation<br>Harrisburg, PA 17105-3608 |       |
| DIMENSIONS:<br>INCHES                                                                 |                                                                                                                                    | CHK<br>—            | —         | NAME                                                                                                                                            |       |
|  |                                                                                                                                    | APVD<br>M. STORRY   | 03 SEP 08 | PRODUCT SPEC                                                                                                                                    |       |
|                                                                                       |                                                                                                                                    | APPLICATION SPEC    |           | DRAWING NO                                                                                                                                      |       |
|                                                                                       |                                                                                                                                    | WEIGHT<br>—         |           | RESTRICTED TO                                                                                                                                   |       |
| MATERIAL<br>—                                                                         | TOLERANCES, UNLESS OTHERWISE SPECIFIED:<br>0 PLC ± -<br>1 PLC ± -<br>2 PLC ± -<br>3 PLC ± -<br>4 PLC ± -<br>ANGLES ± -<br>FINISH — | A2 98278            |           | C=1532176                                                                                                                                       |       |
| CUSTOMER DRAWING                                                                      |                                                                                                                                    | SCALE 4:1           |           | SHEET 2 OF 2                                                                                                                                    | REV A |