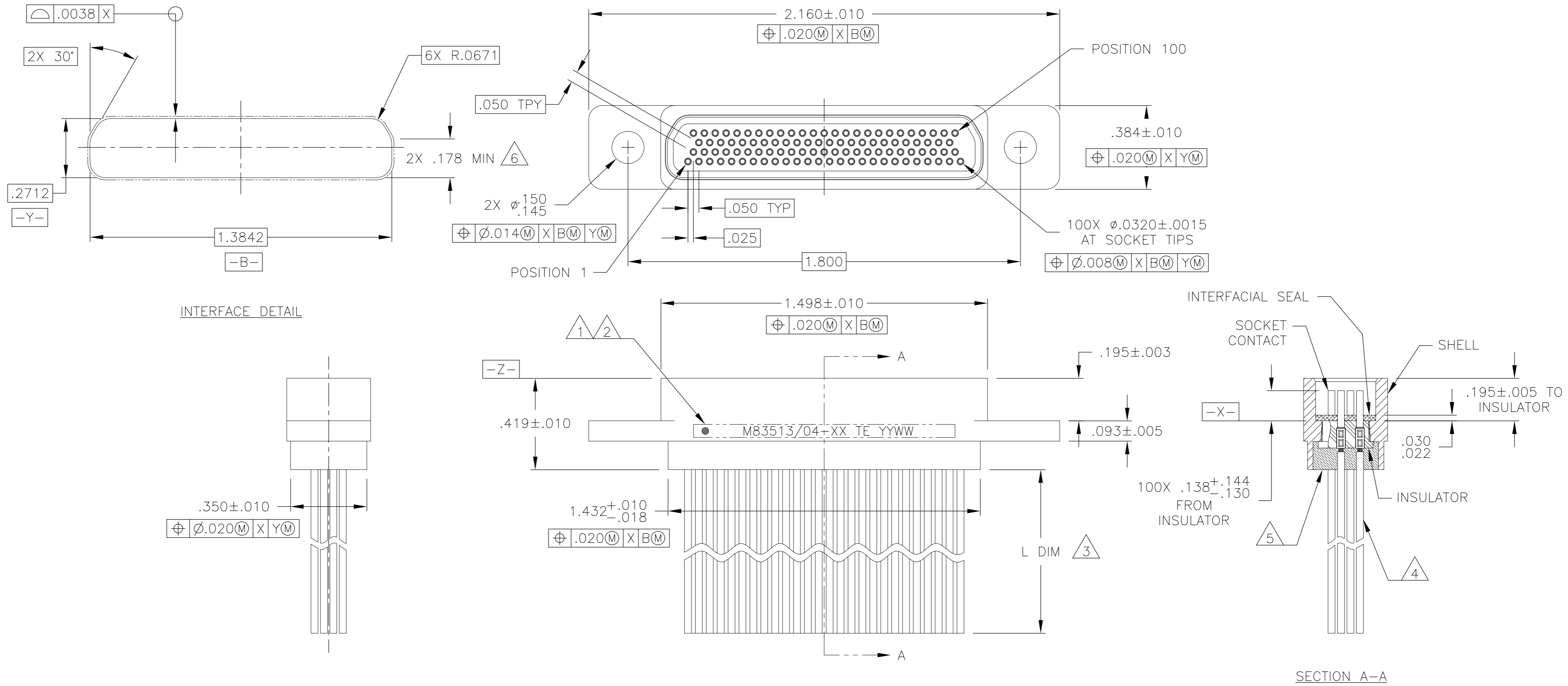


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| REVISIONS | | | | DATE | DWN | APVD |
|-----------|-----|--------------------|-----------|------|-----|------|
| P | LTR | DESCRIPTION | | | | |
| A | | PRODUCTION RELEASE | 03 SEP 08 | BJR | MKS | |



- 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 THIS DIMENSION IS THE THEORETICAL INTERSECTION OF THE TWO ADJACENT SIDES OF THE INTERFACE
- 7 ALL DIMENSIONS AND REQUIREMENTS ARE PER MIL-DTL-83513/4

| | | | | | |
|--|--|-----------------------|-------------------|--|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN B. ROMANCHUK | 03 SEP 08 | Tyco Electronics Corporation Harrisburg, Pa 17105-3608 | |
| DIMENSIONS: INCHES | | CHK - | APVD M. STORRY | NAME RECEPTACLE ASSEMBLY, MICRO-D PER MIL-DTL-83513/04, MCKS SERIES, 100 POSITION | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± .010 3 PLC ± .005 4 PLC ± - ANGLES ± 1° | | APPLICATION SPEC - | | SIZE A2 | CAGE CODE 98278 |
| MATERIAL SEE NOTES | | FINISH - | | DRAWING NO 1532178 | RESTRICTED TO - |
| CUSTOMER DRAWING | | | | SCALE 3:1 | SHEET 1 of 2 |

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

| TE PART NUMBER | L DIM | MIL-DTL-83513 PIN | MICRODOT P/N | MCKS DESCRIPTION | 3 | 1 |
|----------------|-------|-------------------|---------------|------------------------|---|---|
| | | | | | | |
| 1532178-1 | 18 | M83513/04-H01N | 094-6926-0001 | MCKS-N1-B-100S6G1-18.0 | | |
| 1532178-2 | 36 | M83513/04-H02N | 094-6926-0002 | MCKS-N1-B-100S6G1-36.0 | | |
| 1532178-3 | 18 | M83513/04-H03N | 094-6926-0003 | MCKS-N1-B-100S6G9-18.0 | | |
| 1532178-4 | 36 | M83513/04-H04N | 094-6926-0004 | MCKS-N1-B-100S6G9-36.0 | | |
| 1532178-5 | 18 | M83513/04-H09N | 094-6926-0009 | MCKS-N1-B-100S6Q1-18.0 | | |
| 1532178-6 | 36 | M83513/04-H10N | 094-6926-0010 | MCKS-N1-B-100S6Q1-36.0 | | |
| 1532178-7 | 18 | M83513/04-H11N | 094-6926-0011 | MCKS-N1-B-100S6Q9-18.0 | | |
| 1532178-8 | 36 | M83513/04-H12N | 094-6926-0012 | MCKS-N1-B-100S6Q9-36.0 | | |
| 1532178-9 | 72 | M83513/04-H13N | 094-6926-0013 | MCKS-N1-B-100S6G1-72.0 | | |
| 1-1532178-0 | 72 | M83513/04-H14N | 094-6926-0014 | MCKS-N1-B-100S6G9-72.0 | | |
| 1-1532178-1 | 72 | M83513/04-H15N | 094-6926-0015 | MCKS-N1-B-100S6Q1-72.0 | | |
| 1-1532178-2 | 72 | M83513/04-H16N | 094-6926-0016 | MCKS-N1-B-100S6Q9-72.0 | | |
| 1-1532178-3 | 72 | M83513/04-H13C | 094-6936-0013 | MCKS-C2-B-100S6G1-72.0 | | |
| 1-1532178-4 | 0.5 | M83513/04-H05N | 094-6926-0005 | MCKS-N1-B-100S5L4-0.5 | | |
| 1-1532178-5 | 1.0 | M83513/04-H06N | 094-6926-0006 | MCKS-N1-B-100S5L4-1.0 | | |
| 1-1532178-6 | 0.5 | M83513/04-H07N | 094-6926-0007 | MCKS-N1-B-100S5L5-0.5 | | |
| 1-1532178-7 | 1.0 | M83513/04-H08N | 094-6926-0008 | MCKS-N1-B-100S5L5-1.0 | | |
| 1-1532178-8 | 18 | M83513/04-H01C | 094-6936-0001 | MCKS-C2-B-100S6G1-18.0 | | |
| 1-1532178-9 | 36 | M83513/04-H02C | 094-6936-0002 | MCKS-C2-B-100S6G1-36.0 | | |
| 2-1532178-0 | 18 | M83513/04-H03C | 094-6936-0003 | MCKS-C2-B-100S6G9-18.0 | | |
| 2-1532178-1 | 36 | M83513/04-H04C | 094-6936-0004 | MCKS-C2-B-100S6G9-36.0 | | |
| 2-1532178-2 | 0.5 | M83513/04-H05C | 094-6936-0005 | MCKS-C2-B-100S5L4-0.5 | | |
| 2-1532178-3 | 1.0 | M83513/04-H06C | 094-6936-0006 | MCKS-C2-B-100S5L4-1.0 | | |
| 2-1532178-4 | 0.5 | M83513/04-H07C | 094-6936-0007 | MCKS-C2-B-100S5L5-0.5 | | |
| 2-1532178-5 | 1.0 | M83513/04-H08C | 094-6936-0008 | MCKS-C2-B-100S5L5-1.0 | | |
| 2-1532178-6 | 18 | M83513/04-H09C | 094-6936-0009 | MCKS-C2-B-100S6Q1-18.0 | | |
| 2-1532178-7 | 36 | M83513/04-H10C | 094-6936-0010 | MCKS-C2-B-100S6Q1-36.0 | | |
| 2-1532178-8 | 18 | M83513/04-H11C | 094-6936-0011 | MCKS-C2-B-100S6Q9-18.0 | | |
| 2-1532178-9 | 36 | M83513/04-H12C | 094-6936-0012 | MCKS-C2-B-100S6Q9-36.0 | | |
| 3-1532178-0 | 72 | M83513/04-H14C | 094-6936-0014 | MCKS-C2-B-100S6G9-72.0 | | |
| 3-1532178-1 | 72 | M83513/04-H15C | 094-6936-0015 | MCKS-C2-B-100S6Q1-72.0 | | |
| 3-1532178-2 | 72 | M83513/04-H16C | 094-6936-0016 | MCKS-C2-B-100S6Q9-72.0 | | |

| | | | | | |
|--|--|---------------------|-----------|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN B. ROMANCHUK | 03 SEP 08 | Tyco Electronics Corporation Harrisburg, Pa 17105-3608 | |
| DIMENSIONS: INCHES | | CHK - | - | NAME RECEPTACLE ASSEMBLY, MICRO-D PER MIL-DTL-83513/04, MCKS SERIES, 100 POSITION | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD M. STORRY | 03 SEP 08 | RESTRICTED TO | |
| 0 PLC ± - | | PRODUCT SPEC | | SIZE A2 | |
| 1 PLC ± - | | APPLICATION SPEC | | CAGE CODE 98278 | |
| 2 PLC ± - | | WEIGHT | | DRAWING NO 1532178 | |
| 3 PLC ± - | | CUSTOMER DRAWING | | SCALE 4:1 | |
| 4 PLC ± - | | SCALE | | SHEET 2 of 2 | |
| ANGLES ± - | | REV A | | | |
| FINISH | | | | | |

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