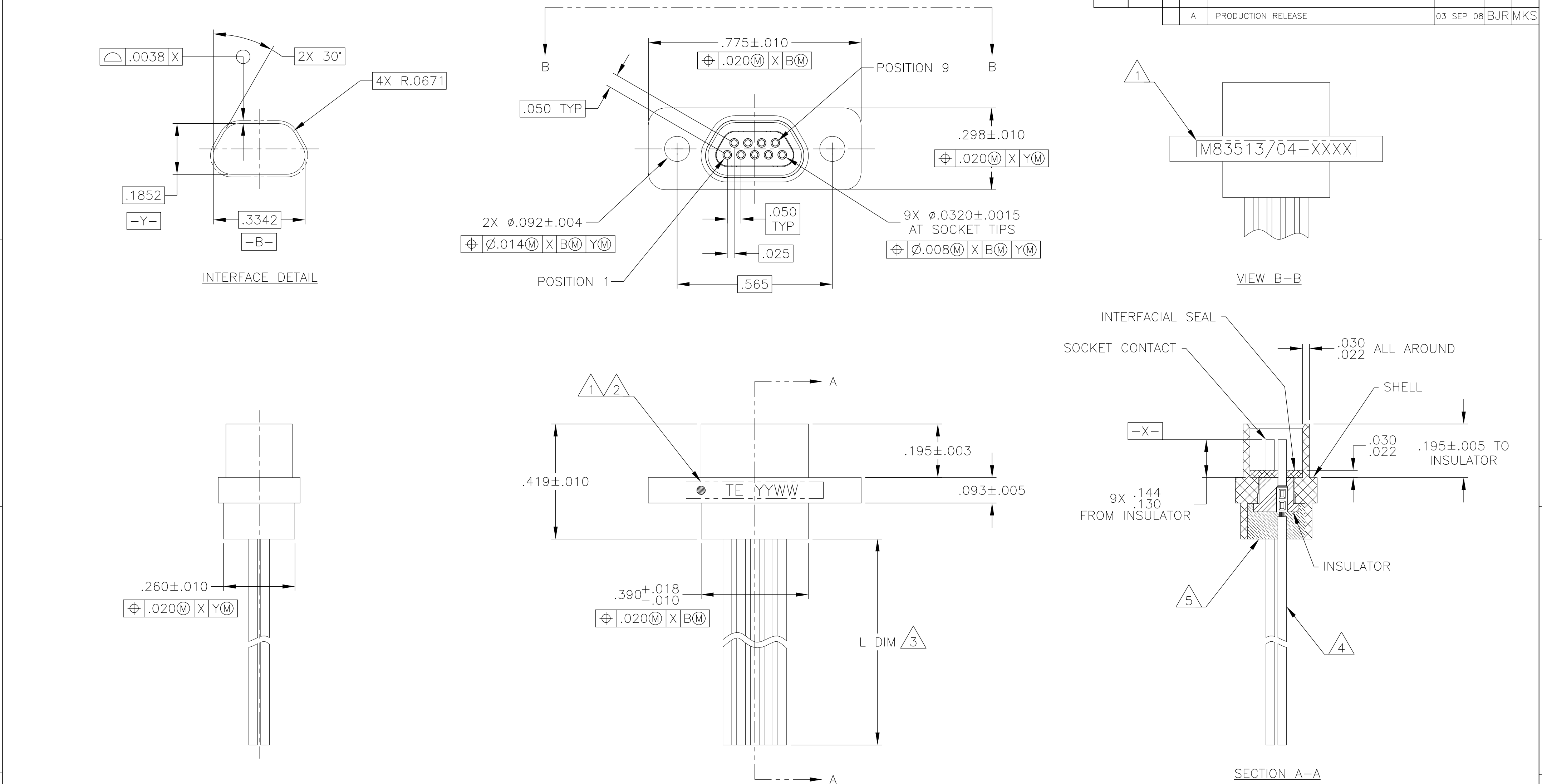




- 1

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 PART NUMBER TABLE, AND YYWW IS THE DATE CODE). FOR THE SIZE 9 RECEPTACLE, THE MARKING MUST BE PRINTED ON BOTH SIDES OF THE FLANGE. 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>—                                                                           |                                                           |                                            |  |
|                                        |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                             |                                                           | APVD<br>M. STORRY<br>03 SEP 08             |  |
|                                        |  | 0 PLC ± —<br>1 PLC ± —<br>2 PLC ± .010<br>3 PLC ± .005<br>4 PLC ± —<br>ANGLES ± 1° |                                                           | PRODUCT SPEC<br>—<br>APPLICATION SPEC<br>— |  |
| MATERIAL<br>SEE NOTES                  |  | FINISH<br>—                                                                        |                                                           | WEIGHT<br>—                                |  |
|                                        |  | CUSTOMER DRAWING                                                                   |                                                           | SCALE 4:1 SHEET 1 of 2 REV A               |  |

4

3

2

1

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LOC

DIST

REVISIONS

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

TE  
PART NUMBER

3

1

L DIM

MIL-DTL-83513 PIN

MICRODOT P/N

MCKS DESCRIPTION

|             |     |                |               |                      |
|-------------|-----|----------------|---------------|----------------------|
| 1532171-1   | 18  | M83513/04-A01N | 094-6126-0001 | MCKS-N1-B-9S6G1-18.0 |
| 1532171-2   | 36  | M83513/04-A02N | 094-6126-0002 | MCKS-N1-B-9S6G1-36.0 |
| 1532171-3   | 18  | M83513/04-A03N | 094-6126-0003 | MCKS-N1-B-9S6G9-18.0 |
| 1532171-4   | 36  | M83513/04-A04N | 094-6126-0004 | MCKS-N1-B-9S6G9-36.0 |
| 1532171-5   | 18  | M83513/04-A09N | 094-6126-0009 | MCKS-N1-B-9S6Q1-18.0 |
| 1532171-6   | 36  | M83513/04-A10N | 094-6126-0010 | MCKS-N1-B-9S6Q1-36.0 |
| 1532171-7   | 18  | M83513/04-A11N | 094-6126-0011 | MCKS-N1-B-9S6Q9-18.0 |
| 1532171-8   | 36  | M83513/04-A12N | 094-6126-0012 | MCKS-N1-B-9S6Q9-36.0 |
| 1532171-9   | 72  | M83513/04-A13N | 094-6126-0013 | MCKS-N1-B-9S6G1-72.0 |
| 1-1532171-0 | 72  | M83513/04-A14N | 094-6126-0014 | MCKS-N1-B-9S6G9-72.0 |
| 1-1532171-1 | 72  | M83513/04-A15N | 094-6126-0015 | MCKS-N1-B-9S6Q1-72.0 |
| 1-1532171-2 | 72  | M83513/04-A16N | 094-6126-0016 | MCKS-N1-B-9S6Q9-72.0 |
| 1-1532171-3 | 0.5 | M83513/04-A05N | 094-6126-0005 | MCKS-N1-B-9S5L4-0.5  |
| 1-1532171-4 | 1.0 | M83513/04-A06N | 094-6126-0006 | MCKS-N1-B-9S5L4-1.0  |
| 1-1532171-5 | 0.5 | M83513/04-A07N | 094-6126-0007 | MCKS-N1-B-9S5L5-0.5  |
| 1-1532171-6 | 1.0 | M83513/04-A08N | 094-6126-0008 | MCKS-N1-B-9S5L5-1.0  |
| 1-1532171-7 | 18  | M83513/04-A01C | 094-6136-0001 | MCKS-C2-B-9S6G1-18.0 |
| 1-1532171-8 | 36  | M83513/04-A02C | 094-6136-0002 | MCKS-C2-B-9S6G1-36.0 |
| 1-1532171-9 | 18  | M83513/04-A03C | 094-6136-0003 | MCKS-C2-B-9S6G9-18.0 |
| 2-1532171-0 | 36  | M83513/04-A04C | 094-6136-0004 | MCKS-C2-B-9S6G9-36.0 |
| 2-1532171-1 | 0.5 | M83513/04-A05C | 094-6136-0005 | MCKS-C2-B-9S5L4-0.5  |
| 2-1532171-2 | 1.0 | M83513/04-A06C | 094-6136-0006 | MCKS-C2-B-9S5L4-1.0  |
| 2-1532171-3 | 0.5 | M83513/04-A07C | 094-6136-0007 | MCKS-C2-B-9S5L5-0.5  |
| 2-1532171-4 | 1.0 | M83513/04-A08C | 094-6136-0008 | MCKS-C2-B-9S5L5-1.0  |
| 2-1532171-5 | 18  | M83513/04-A09C | 094-6136-0009 | MCKS-C2-B-9S6Q1-18.0 |
| 2-1532171-6 | 36  | M83513/04-A10C | 094-6136-0010 | MCKS-C2-B-9S6Q1-36.0 |
| 2-1532171-7 | 18  | M83513/04-A11C | 094-6136-0011 | MCKS-C2-B-9S6Q9-18.0 |
| 2-1532171-8 | 36  | M83513/04-A12C | 094-6136-0012 | MCKS-C2-B-9S6Q9-36.0 |
| 2-1532171-9 | 72  | M83513/04-A13C | 094-6136-0013 | MCKS-C2-B-9S6G1-72.0 |
| 3-1532171-0 | 72  | M83513/04-A14C | 094-6136-0014 | MCKS-C2-B-9S6G9-72.0 |
| 3-1532171-1 | 72  | M83513/04-A15C | 094-6136-0015 | MCKS-C2-B-9S6Q1-72.0 |
| 3-1532171-2 | 72  | M83513/04-A16C | 094-6136-0016 | MCKS-C2-B-9S6Q9-72.0 |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
INCHES

MATERIAL  
SEE NOTES

TOLERANCES, UNLESS  
OTHERWISE SPECIFIED:

0 PLC ± -  
1 PLC ± -  
2 PLC ± -  
3 PLC ± -  
4 PLC ± -  
ANGLES ± -  
FINISH -

DWN  
B. ROMANCHUK

CHK  
—

APVD  
M. STORRY

PRODUCT SPEC  
—

APPLICATION SPEC  
—

WEIGHT  
—

CUSTOMER DRAWING

03 SEP 08

03 SEP 08

Tyco  
Electronics

Tyco Electronics Corporation  
Harrisburg, PA 17105-3608

NAME

RECEPTACLE ASSEMBLY,  
MICRO-D PER MIL-DTL-83513/04,  
MCKS SERIES, 9 POSITION

SIZE  
A2

CAGE CODE  
98278

DRAWING NO  
C-1532171

RESTRICTED TO  
—

SCALE  
4:1

SHEET  
2 OF 2

REV  
A

1532171

B

A

3307-7 (1/08)