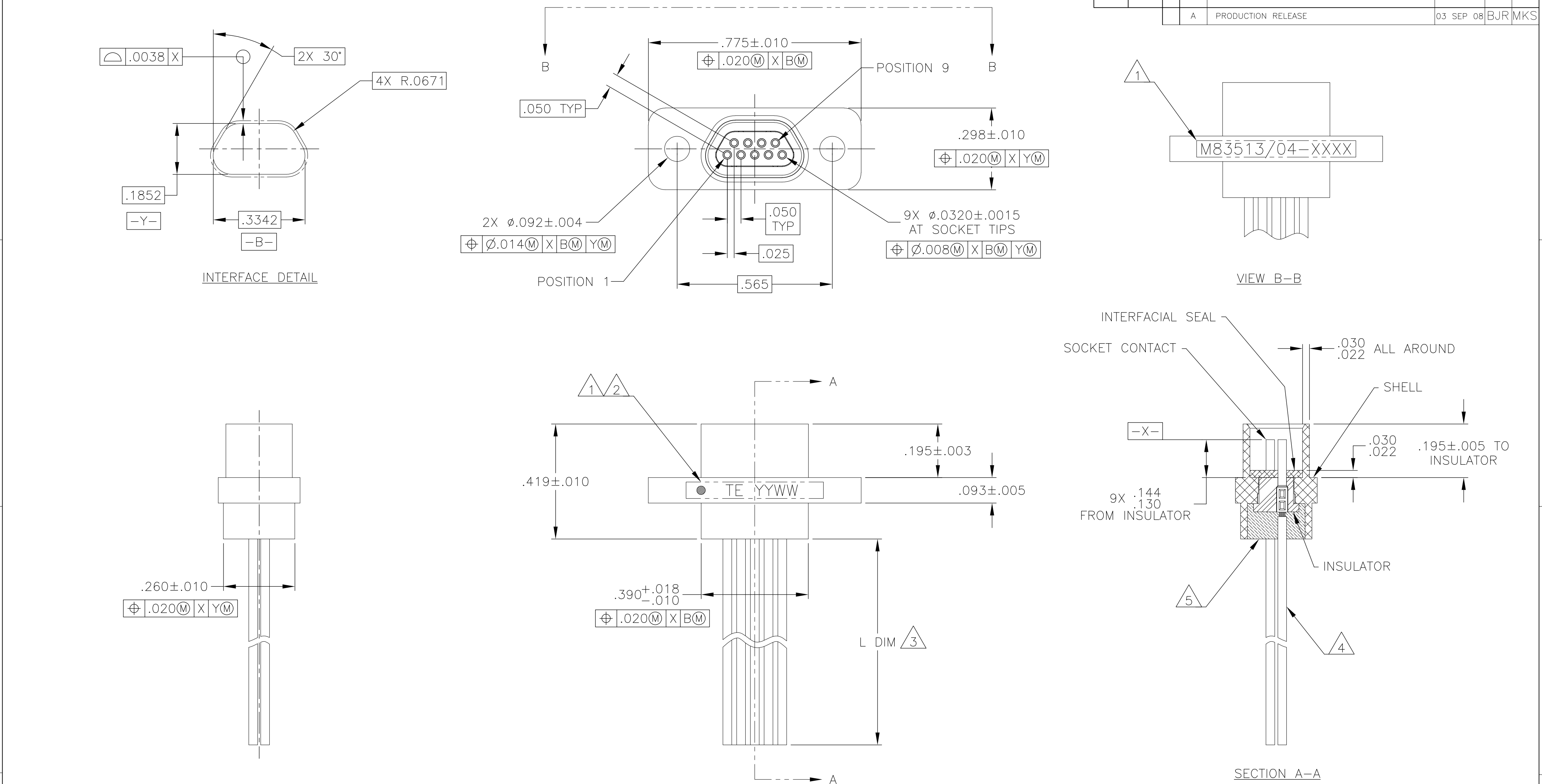




- 1

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
B. ROMANCHUK
03 SEP 08 | Tyco Electronics Corporation
Harrisburg, PA 17105-3608 | | | | | |
| DIMENSIONS:
INCHES | | CHK
— | | | | | | |
| | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD
M. STORRY
03 SEP 08 | NAME | | | |
| | | 0 PLC ± -
1 PLC ± -
2 PLC ± .010
3 PLC ± .005
4 PLC ± -
ANGLES ± 1° | | PRODUCT SPEC | | | | |
| MATERIAL
SEE NOTES | | FINISH
— | | APPLICATION SPEC
— | SIZE
A2 | CAGE CODE
98278 | DRAWING NO
C=1532171 | RESTRICTED TO
— |
| CUSTOMER DRAWING | | | | WEIGHT
— | 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

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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)

Mouser Electronics

Authorized Distributor

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[1-1532171-3](#)