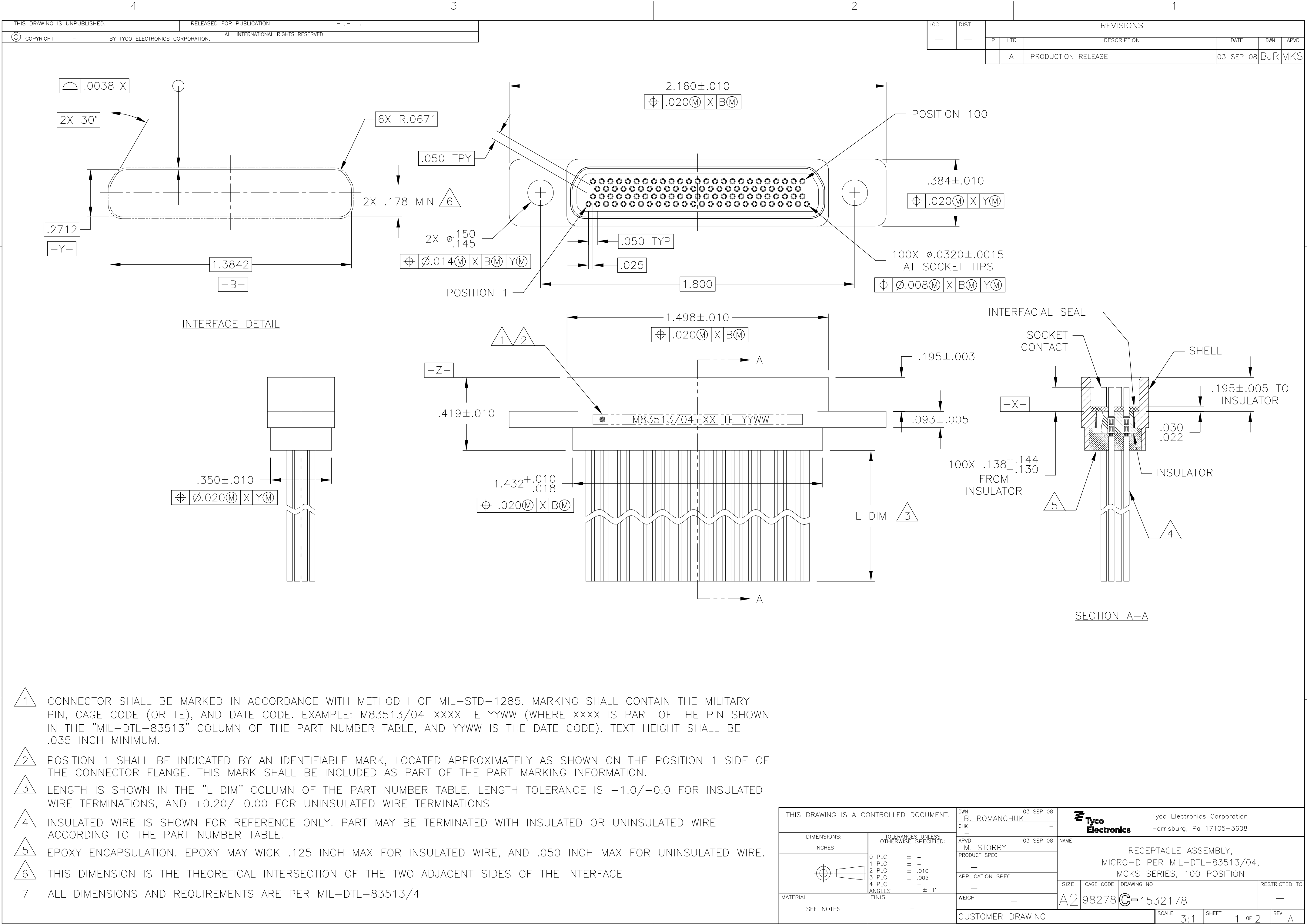




- 1 CONNECTOR SHALL BE MARKED IN ACCORDANCE WITH METHOD I OF MIL-STD-1285. MARKING SHALL CONTAIN THE MILITARY PIN, CAGE CODE (OR TE), AND DATE CODE. EXAMPLE: M83513/04-XXXX TE YYWW (WHERE XXXX IS PART OF THE PIN SHOWN IN THE "MIL-DTL-83513" COLUMN OF THE PART NUMBER TABLE, AND YYWW IS THE DATE CODE). 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		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLC ± -		APVD M. STORRY 03 SEP 08	
		1 PLC ± -		PRODUCT SPEC	
		2 PLC ± .010		APPLICATION SPEC	
		3 PLC ± .005		WEIGHT -	
MATERIAL SEE NOTES		FINISH -		CUSTOMER DRAWING	
				SCALE 3:1	
				SHEET 1 of 2	
				REV A	

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	98278	C=1532178	-

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
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.

DIMENSIONS:
INCHES

MATERIAL
—

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, 100 POSITION

SIZE
A2

CAGE CODE
98278

DRAWING NO
C=1532178

RESTRICTED TO
—

SCALE
4:1

SHEET
2 OF 2

REV
A

AMP 3307-7 REV 31MAR2000