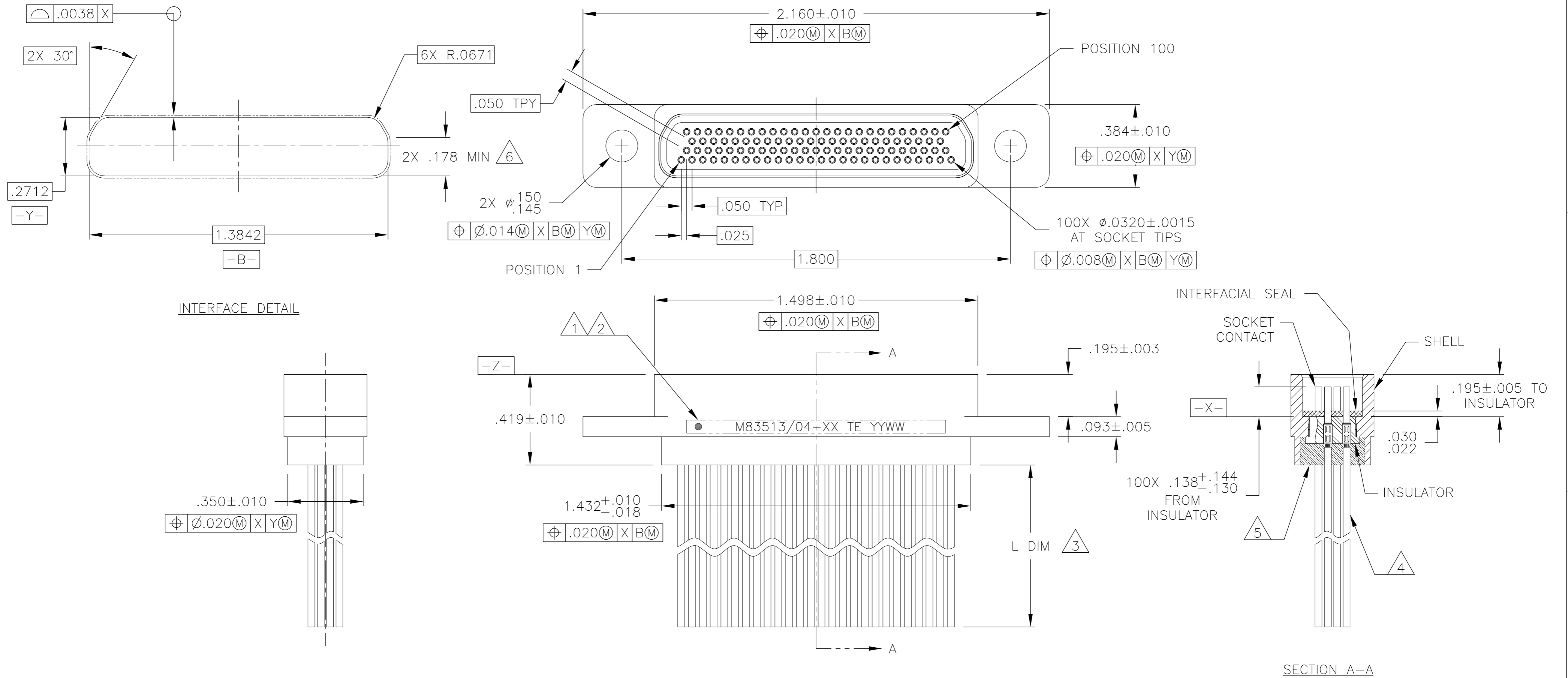


REVISONS		DATE	DWN	APVD
P	LTR	DESCRIPTION		
A		PRODUCTION RELEASE	03 SEP 08	BJR MKS



- 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 -	-	
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		RECEPTACLE ASSEMBLY, MICRO-D PER MIL-DTL-83513/04, MCKS SERIES, 100 POSITION
MATERIAL SEE NOTES		FINISH -		SIZE A2
		WEIGHT -		CAGE CODE 98278
		CUSTOMER DRAWING		DRAWING NO 1532178
		SCALE 3:1		RESTRICTED TO -
		SHEET 1 of 2		REV A

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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		

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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 ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		PRODUCT SPEC -	-	SIZE A2	CAGE CODE 98278
MATERIAL -		FINISH -	WEIGHT -	DRAWING NO C=1532178	SCALE 4:1
CUSTOMER DRAWING			SHEET 2 of 2	REV A	

1532178