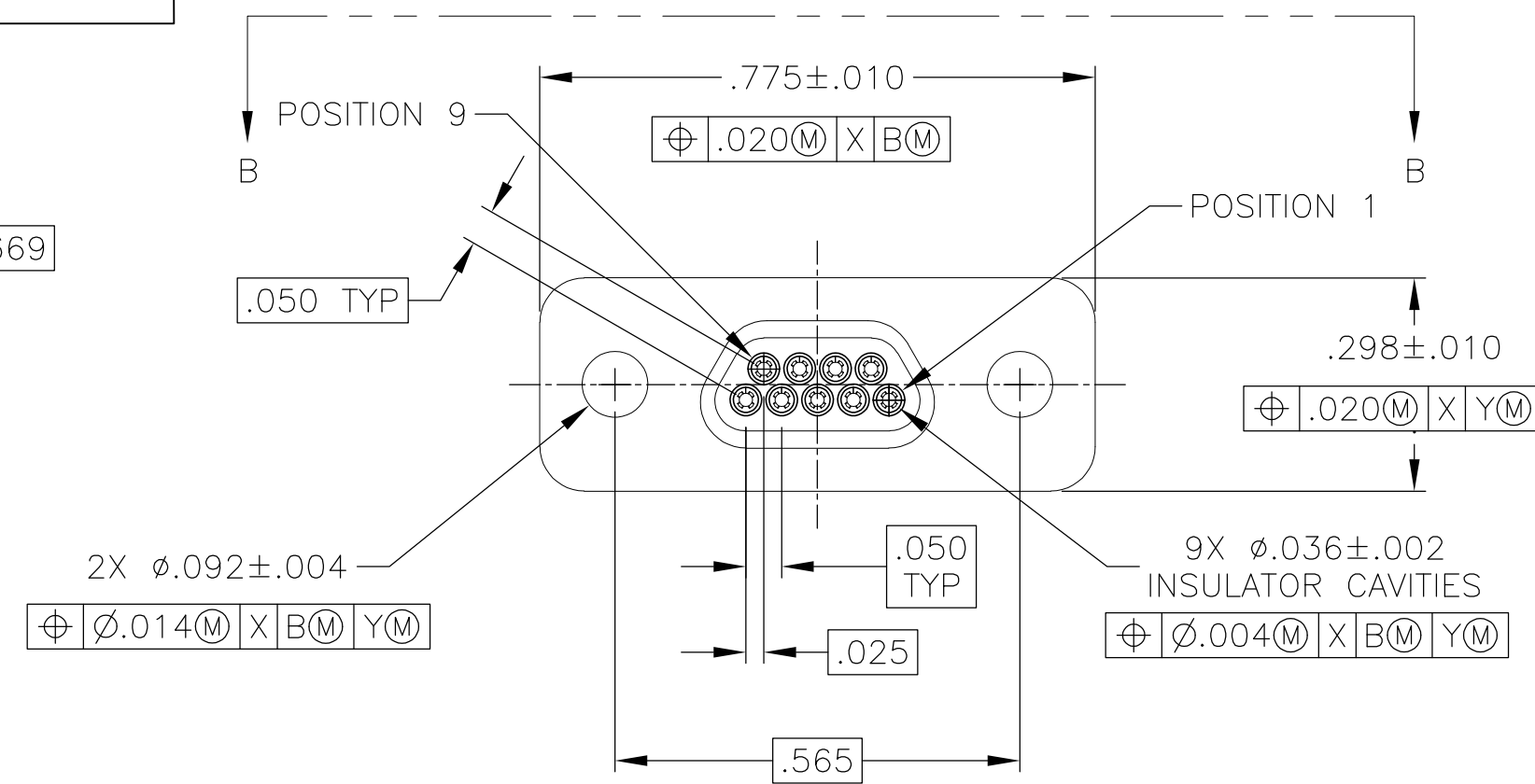
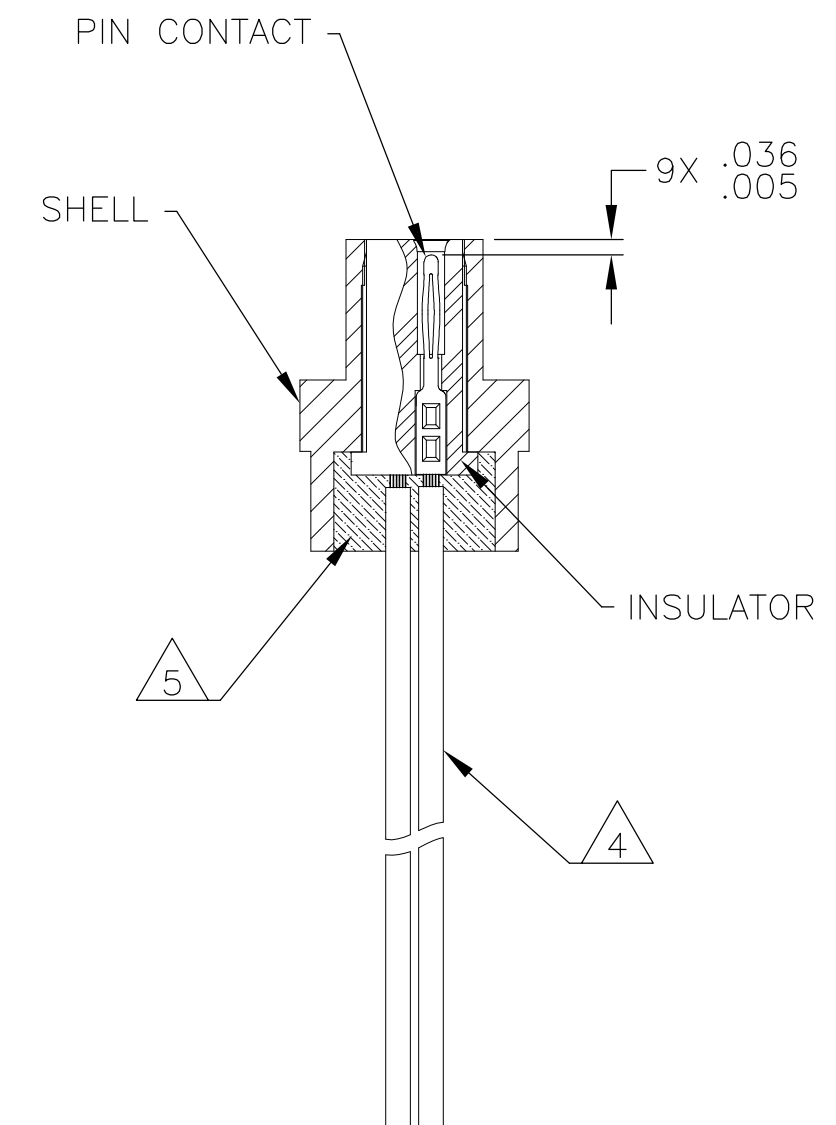
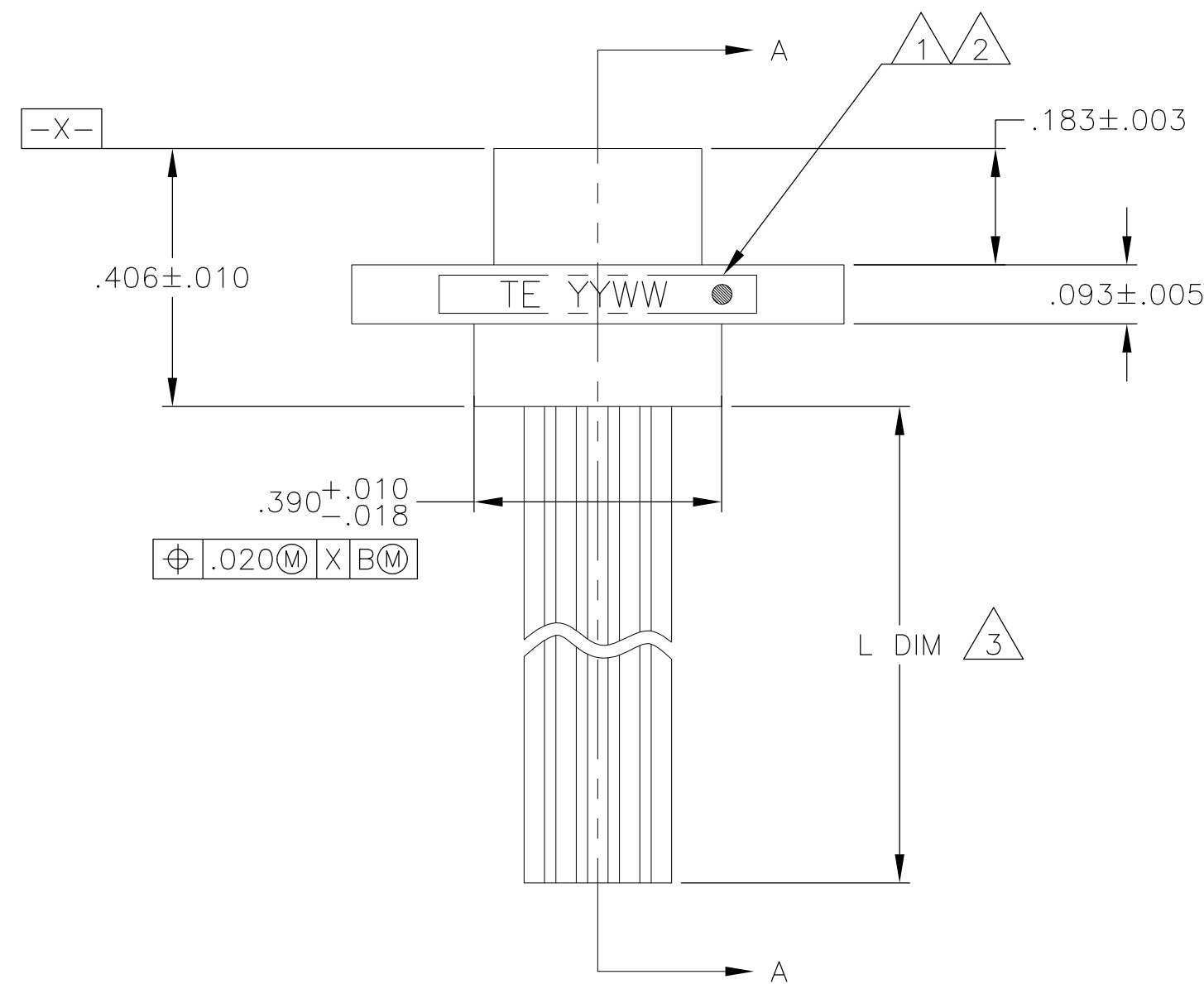




Technical drawing of a mechanical part. A callout '1' points to a label 'M83513/03-XXXX' on the part.

Technical drawing of a mechanical part. A feature control frame points to a vertical slot. The frame contains the following information from left to right: a circular position symbol (a circle with a crosshair), the tolerance $.020 \pm .010$, a material condition symbol (a circle with the letter M), the feature identifier X, and another material condition symbol (a circle with the letter M). The part itself is shown in a cross-sectional view with a central vertical slot and a horizontal slot at the top.



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: M83513/03-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). FOR THE SIZE 9 PLUG, 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-83513/3

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 03 SEP 08 B. ROMANCHUK CHK —		 Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		APVD 03 SEP 08 M. STORRY		PLUG ASSEMBLY, MICRO-D PER MIL-DTL-83513/03, MCKS SERIES, 9 POSITION	
		PRODUCT SPEC —			
		APPLICATION SPEC —			
		—			
0 PLC ± — 1 PLC ± — 2 PLC ± .010 3 PLC ± .005 4 PLC ± — ANGLES ± ± 1°		SIZE		CAGE CODE	DRAWING NO
MATERIAL		FINISH		RESTRICTED TO	
SEE NOTES		—		—	
CUSTOMER DRAWING				A2 98278 C-1532179	
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

1532179-1	18	M83513/03-A01N	094-6125-0001	MCKS-N1-B-9P6G1-18.0
1532179-2	36	M83513/03-A02N	094-6125-0002	MCKS-N1-B-9P6G1-36.0
1532179-3	18	M83513/03-A03N	094-6125-0003	MCKS-N1-B-9P6G9-18.0
1532179-4	36	M83513/03-A04N	094-6125-0004	MCKS-N1-B-9P6G9-36.0
1532179-5	18	M83513/03-A09N	094-6125-0009	MCKS-N1-B-9P6Q1-18.0
1532179-6	36	M83513/03-A10N	094-6125-0010	MCKS-N1-B-9P6Q1-36.0
1532179-7	18	M83513/03-A11N	094-6125-0011	MCKS-N1-B-9P6Q9-18.0
1532179-8	36	M83513/03-A12N	094-6125-0012	MCKS-N1-B-9P6Q9-36.0
1532179-9	72	M83513/03-A13N	094-6125-0013	MCKS-N1-B-9P6G1-72.0
1-1532179-0	72	M83513/03-A14N	094-6125-0014	MCKS-N1-B-9P6G9-72.0
1-1532179-1	72	M83513/03-A15N	094-6125-0015	MCKS-N1-B-9P6Q1-72.0
1-1532179-2	72	M83513/03-A16N	094-6125-0016	MCKS-N1-B-9P6Q9-72.0
1-1532179-3	0.5	M83513/03-A05N	094-6125-0005	MCKS-N1-B-9P5L4-0.5
1-1532179-4	1.0	M83513/03-A06N	094-6125-0006	MCKS-N1-B-9P5L4-1.0
1-1532179-5	0.5	M83513/03-A07N	094-6125-0007	MCKS-N1-B-9P5L5-0.5
1-1532179-6	1.0	M83513/03-A08N	094-6125-0008	MCKS-N1-B-9P5L5-1.0
1-1532179-7	18	M83513/03-A01C	094-6135-0001	MCKS-C2-B-9P6G1-18.0
1-1532179-8	36	M83513/03-A02C	094-6135-0002	MCKS-C2-B-9P6G1-36.0
1-1532179-9	18	M83513/03-A03C	094-6135-0003	MCKS-C2-B-9P6G9-18.0
2-1532179-0	36	M83513/03-A04C	094-6135-0004	MCKS-C2-B-9P6G9-36.0
2-1532179-1	0.5	M83513/03-A05C	094-6135-0005	MCKS-C2-B-9P5L4-0.5
2-1532179-2	1.0	M83513/03-A06C	094-6135-0006	MCKS-C2-B-9P5L4-1.0
2-1532179-3	0.5	M83513/03-A07C	094-6135-0007	MCKS-C2-B-9P5L5-0.5
2-1532179-4	1.0	M83513/03-A08C	094-6135-0008	MCKS-C2-B-9P5L5-1.0
2-1532179-5	18	M83513/03-A09C	094-6135-0009	MCKS-C2-B-9P6Q1-18.0
2-1532179-6	36	M83513/03-A10C	094-6135-0010	MCKS-C2-B-9P6Q1-36.0
2-1532179-7	18	M83513/03-A11C	094-6135-0011	MCKS-C2-B-9P6Q9-18.0
2-1532179-8	36	M83513/03-A12C	094-6135-0012	MCKS-C2-B-9P6Q9-36.0
2-1532179-9	72	M83513/03-A13C	094-6135-0013	MCKS-C2-B-9P6G1-72.0
3-1532179-0	72	M83513/03-A14C	094-6135-0014	MCKS-C2-B-9P6G9-72.0
3-1532179-1	72	M83513/03-A15C	094-6135-0015	MCKS-C2-B-9P6Q1-72.0
3-1532179-2	72	M83513/03-A16C	094-6135-0016	MCKS-C2-B-9P6Q9-72.0

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

NAME
PLUG ASSEMBLY,
MICRO-D PER MIL-DTL-83513/03,
MCKS SERIES, 9 POSITION

SIZE
A2

CAGE CODE
98278

DRAWING NO
C=1532179

RESTRICTED TO
—

SCALE
4:1

SHEET
2 OF 2

REV
A

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Electronics

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B

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