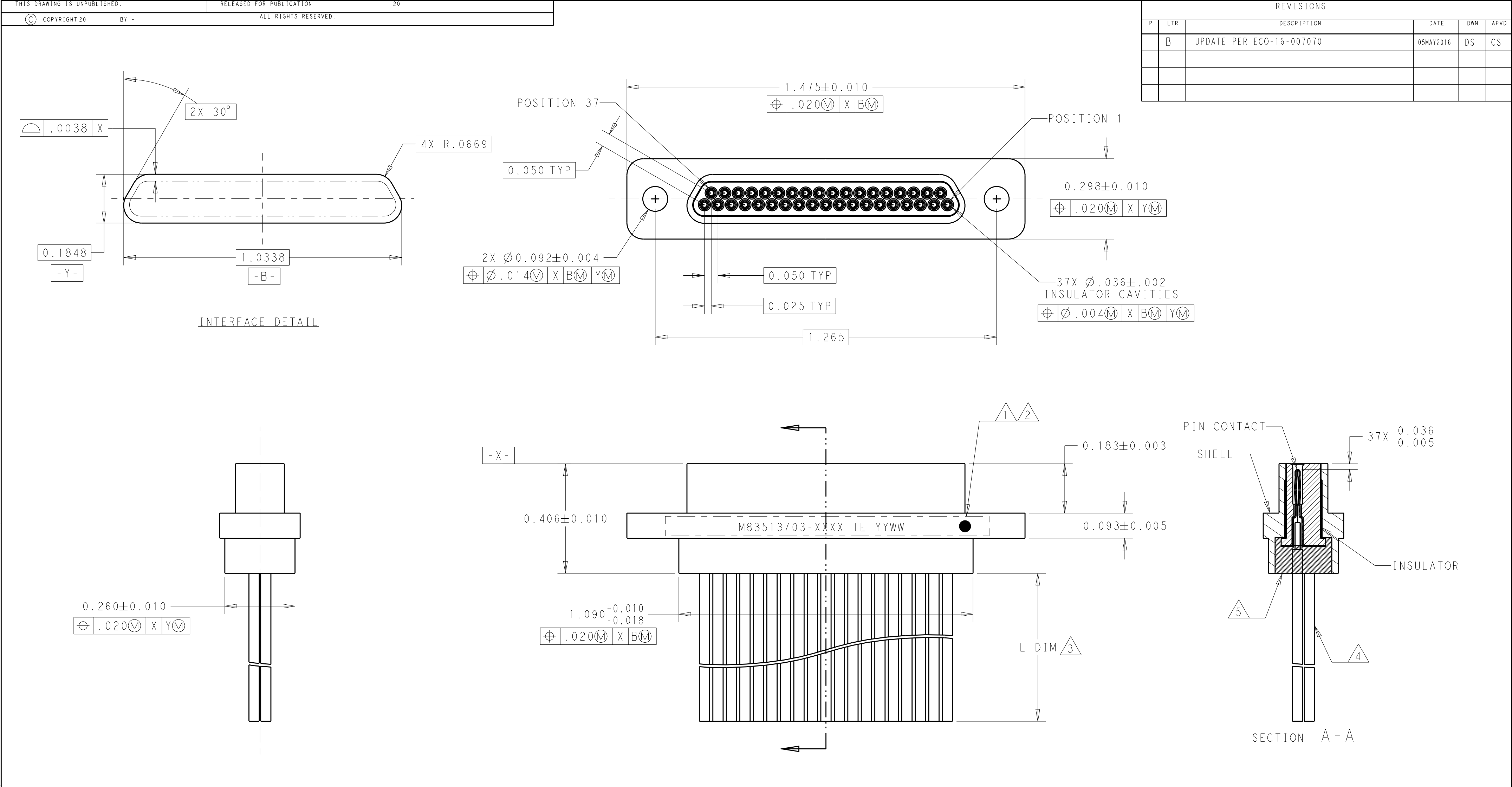




- 1

CONNECTOR SHALL BE MARKED IN ACCORDANCE WITH METHOD 1 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). 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 B ROMANCHUK	03SEP2008	TE Connectivity	
DIMENSIONS: IN		CHK -	-		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M STORRY	03SEP2008	NAME PLUG ASSEMBLY	
0 PLC ±-		PRODUCT SPEC		MICRO-D PER MIL-DTL-83513/03	
1 PLC ±-		APPLICATION SPEC		MCKS SERIES, 37 POSITION	
2 PLC ±.010		WEIGHT		SIZE	RESTRICTED TO
3 PLC ±.005		CUSTOMER DRAWING		CAGE CODE	
4 PLC ±-		SCALE 4:1		DRAWING NO	
ANGLES ±1°		SHEET 1 OF 2		REV	
FINISH		REV B			
MATERIAL SEE NOTES					

4

3

2

1

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RELEASED FOR PUBLICATION

20

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REVISIONS

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

3

1

TE PART NUMBER	L DIM	MIL-DTL-83513 PIN	MICRODOT P/N	MCKS DESCRIPTION
1532184-1	18	M83513/03-F01N	094-6625-0001	MCKS-N1-B-37P6G1-18.0
1532184-2	36	M83513/03-F02N	094-6625-0002	MCKS-N1-B-37P6G1-36.0
1532184-3	18	M83513/03-F03N	094-6625-0003	MCKS-N1-B-37P6G9-18.0
1532184-4	36	M83513/03-F04N	094-6625-0004	MCKS-N1-B-37P6G9-36.0
1532184-5	18	M83513/03-F09N	094-6625-0009	MCKS-N1-B-37P6Q1-18.0
1532184-6	36	M83513/03-F10N	094-6625-0010	MCKS-N1-B-37P6Q1-36.0
1532184-7	18	M83513/03-F11N	094-6625-0011	MCKS-N1-B-37P6Q9-18.0
1532184-8	36	M83513/03-F12N	094-6625-0012	MCKS-N1-B-37P6Q9-36.0
1532184-9	72	M83513/03-F13N	094-6625-0013	MCKS-N1-B-37P6G1-72.0
1-1532184-0	72	M83513/03-F14N	094-6625-0014	MCKS-N1-B-37P6G9-72.0
1-1532184-1	72	M83513/03-F15N	094-6625-0015	MCKS-N1-B-37P6Q1-72.0
1-1532184-2	72	M83513/03-F16N	094-6625-0016	MCKS-N1-B-37P6Q9-72.0
1-1532184-3	0.5	M83513/03-F05N	094-6625-0005	MCKS-N1-B-37P5L4-0.5
1-1532184-4	1.0	M83513/03-F06N	094-6625-0006	MCKS-N1-B-37P5L4-1.0
1-1532184-5	0.5	M83513/03-F07N	094-6625-0007	MCKS-N1-B-37P5L5-0.5
1-1532184-6	1.0	M83513/03-F08N	094-6625-0008	MCKS-N1-B-37P5L5-1.0
1-1532184-7	18	M83513/03-F01C	094-6635-0001	MCKS-C2-B-37P6G1-18.0
1-1532184-8	36	M83513/03-F02C	094-6635-0002	MCKS-C2-B-37P6G1-36.0
1-1532184-9	18	M83513/03-F03C	094-6635-0003	MCKS-C2-B-37P6G9-18.0
2-1532184-0	36	M83513/03-F04C	094-6635-0004	MCKS-C2-B-37P6G9-36.0
2-1532184-1	0.5	M83513/03-F05C	094-6635-0005	MCKS-C2-B-37P5L4-0.5
2-1532184-2	1.0	M83513/03-F06C	094-6635-0006	MCKS-C2-B-37P5L4-1.0
2-1532184-3	0.5	M83513/03-F07C	094-6635-0007	MCKS-C2-B-37P5L5-0.5
2-1532184-4	1.0	M83513/03-F08C	094-6635-0008	MCKS-C2-B-37P5L5-1.0
2-1532184-5	18	M83513/03-F09C	094-6635-0009	MCKS-C2-B-37P6Q1-18.0
2-1532184-6	36	M83513/03-F10C	094-6635-0010	MCKS-C2-B-37P6Q1-36.0
2-1532184-7	18	M83513/03-F11C	094-6635-0011	MCKS-C2-B-37P6Q9-18.0
2-1532184-8	36	M83513/03-F12C	094-6635-0012	MCKS-C2-B-37P6Q9-36.0
2-1532184-9	72	M83513/03-F13C	094-6635-0013	MCKS-C2-B-37P6G1-72.0
3-1532184-0	72	M83513/03-F14C	094-6635-0014	MCKS-C2-B-37P6G9-72.0
3-1532184-1	72	M83513/03-F15C	094-6635-0015	MCKS-C2-B-37P6Q1-72.0
3-1532184-2	72	M83513/03-F16C	094-6635-0016	MCKS-C2-B-37P6Q9-72.0

3

1

TE PART NUMBER	L DIM	MIL-DTL-83513 PIN	MICRODOT P/N	MCKS DESCRIPTION
3-1532184-3	18	M83513/03-F01P	094-6645-0001	MCKS-P1-B-37P6G1-18.0
3-1532184-4	36	M83513/03-F02P	094-6645-0002	MCKS-P1-B-37P6G1-36.0
3-1532184-5	18	M83513/03-F03P	094-6645-0003	MCKS-P1-B-37P6G9-18.0
3-1532184-6	36	M83513/03-F04P	094-6645-0004	MCKS-P1-B-37P6G9-36.0
3-1532184-7	0.5	M83513/03-F05P	094-6645-0005	MCKS-P1-B-37P5L4-0.5
3-1532184-8	1.0	M83513/03-F06P	094-6645-0006	MCKS-P1-B-37P5L4-1.0
3-1532184-9	0.5	M83513/03-F07P	094-6645-0007	MCKS-P1-B-37P5L5-0.5
4-1532184-0	1.0	M83513/03-F08P	094-6645-0008	MCKS-P1-B-37P5L5-1.0
4-1532184-1	18	M83513/03-F09P	094-6645-0009	MCKS-P1-B-37P6Q1-18.0
4-1532184-2	36	M83513/03-F10P	094-6645-0010	MCKS-P1-B-37P6Q1-36.0
4-1532184-3	18	M83513/03-F11P	094-6645-0011	MCKS-P1-B-37P6Q9-18.0
4-1532184-4	36	M83513/03-F12P	094-6645-0012	MCKS-P1-B-37P6Q9-36.0
4-1532184-5	72	M83513/03-F13P	094-6645-0013	MCKS-P1-B-37P6G1-72.0
4-1532184-6	72	M83513/03-F14P	094-6645-0014	MCKS-P1-B-37P6G9-72.0
4-1532184-7	72	M83513/03-F15P	094-6645-0015	MCKS-P1-B-37P6Q1-72.0
4-1532184-8	72	M83513/03-F16P	094-6645-0016	MCKS-P1-B-37P6Q9-72.0

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DIMENSIONS:
IN

MATERIAL

SEE NOTES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±-

1 PLC ±-

2 PLC ±.010

3 PLC ±.005

4 PLC ±-

ANGLES ±1°

FINISH -

DWN
B ROMANCHUK

CHK
-

APVD
M STORRY

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

CUSTOMER DRAWING

03SEP2008

03SEP2008

TE Connectivity

NAME
PLUG ASSEMBLY
MICRO-D PER MIL-DTL-83513/03
MCKS SERIES, 37 POSITION

SIZE
A2

CAGE CODE
98278

DRAWING NO
C-1532184

RESTRICTED TO
-

SCALE
4:1

SHEET
2

OF
2

REV
B

1471-9 (3/13)

Mouser Electronics

Authorized Distributor

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[2-1532184-3](#)