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

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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			


TE PART NUMBER	MIL-DTL-83513 PIN	MCKS DESCRIPTION	SHELL FINISH 	HARDWARE 	L DIM ±.015
1532257-1	M83513/12-H01CN	MCKS-C2-B-100PRT1	CADMIUM	NONE	.109
1532257-2	M83513/12-H01CP	MCKS-C2-S-100PRT1	CADMIUM	JACKPOSTS	.109
1532257-3	M83513/12-H01NN	MCKS-N1-B-100PRT1	NICKEL	NONE	.109
1532257-4	M83513/12-H01NP	MCKS-N1-S-100PRT1	NICKEL	JACKPOSTS	.109
1532257-5	M83513/12-H02CN	MCKS-C2-B-100PRT1A	CADMIUM	NONE	.140
1532257-6	M83513/12-H02CP	MCKS-C2-S-100PRT1A	CADMIUM	JACKPOSTS	.140
1532257-7	M83513/12-H02NN	MCKS-N1-B-100PRT1A	NICKEL	NONE	.140
1532257-8	M83513/12-H02NP	MCKS-N1-S-100PRT1A	NICKEL	JACKPOSTS	.140
1532257-9	M83513/12-H03CN	MCKS-C2-B-100PRT1B	CADMIUM	NONE	.172
1-1532257-0	M83513/12-H03CP	MCKS-C2-S-100PRT1B	CADMIUM	JACKPOSTS	.172
1-1532257-1	M83513/12-H03NN	MCKS-N1-B-100PRT1B	NICKEL	NONE	.172
1-1532257-2	M83513/12-H03NP	MCKS-N1-S-100PRT1B	NICKEL	JACKPOSTS	.172
1-1532257-3	M83513/12-H01PN	MCKS-P1-B-100PRT1	PASSIVATED SS	NONE	.109
1-1532257-4	M83513/12-H01PP	MCKS-P1-S-100PRT1	PASSIVATED SS	JACKPOSTS	.109
1-1532257-5	M83513/12-H02PN	MCKS-P1-B-100PRT1A	PASSIVATED SS	NONE	.140
1-1532257-6	M83513/12-H02PP	MCKS-P1-S-100PRT1A	PASSIVATED SS	JACKPOSTS	.140
1-1532257-7	M83513/12-H03PN	MCKS-P1-B-100PRT1B	PASSIVATED SS	NONE	.172
1-1532257-8	M83513/12-H03PP	MCKS-P1-S-100PRT1B	PASSIVATED SS	JACKPOSTS	.172




SHELL MATERIAL: 6061-T6 ALUMINUM  
FINISH OPTIONS:  
ELECTROLESS NICKEL PLATED PER SAE-AMS-C-26074 OR SAE AMS 2404 OR CADMIUM PLATED PER SAE-AMS-QQ-P-416 WITH YELLOW CHROMATE  
OR PASSIVATED STAINLESS STEEL PER SAE AMS2700  
INSULATOR: LIQUID CRYSTAL POLYMER (LCP)  
HARDWARE: 300 SERIES STAINLESS STEEL  
TB BOX: POLYPHENYLENE SULFIDE (PPS) AND EPOXY POTTING




TERMINATION: 24 AWG GOLD PLATED COPPER WIRE, Sn63Pb37 SOLDER DIPPED UP TO MOUNTING SURFACE AT A MINIMUM




JACKPOST HARDWARE SHALL BE PERMANENTLY INSTALLED AS SHOWN WHEN REQUIRED BY THE MIL PIN. JACKPOST DIMENSIONS AND REQUIREMENTS ARE DEFINED IN MIL-DTL-83513/5.




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: M83513/12-H0XXX TE YYWW (WHERE XXX IS PART OF THE PIN SHOWN IN THE "MIL-DTL-83513 PIN" COLUMN OF THE PART NUMBER TABLE, AND YYWW IS THE DATE CODE). THE MARKING MUST BE PRINTED ON THE FLANGE. TEXT HEIGHT SHALL BE .035 INCH MINIMUM.



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.



TERMINAL IDENTIFICATION NUMBERS AS SHOWN DO NOT ACTUALLY APPEAR ON THE PART (FOR IDENTIFICATION ONLY)



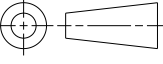
EPOXY ENCAPSULATION

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ALL REQUIREMENTS CONFORM TO MIL-DTL-83513/12. SEE MIL-SPEC FOR DETAILED INTERFACE DIMENSIONS AND SUGGESTED PCB LAYOUTS

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
IN



MATERIAL

SEE NOTES

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±-

1 PLC ±-

2 PLC ±.010

3 PLC ±.005

4 PLC ±-

ANGLES ±1°

FINISH

SEE NOTES

-

DWN  
C SCHOLL

CHK  
-

APVD  
-


PRODUCT SPEC  
-

APPLICATION SPEC  
-

WEIGHT  
-

CUSTOMER DRAWING

02JUL2012

 TE Connectivity

NAME  
PLUG ASSEMBLY, MCKS, RT1 RIGHT ANGLE, PCB MOUNT, 4 ROW, SIZE 100, PER MIL-DTL-83513/12

SIZE  
A2

CAGE CODE  
98278

DRAWING NO  
C-1532257

RESTRICTED TO  
-

SCALE  
3:1

SHEET  
2

OF  
2

REV  
B

1471-9 (3/13)

# Mouser Electronics

Authorized Distributor

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[1532257-3](#)