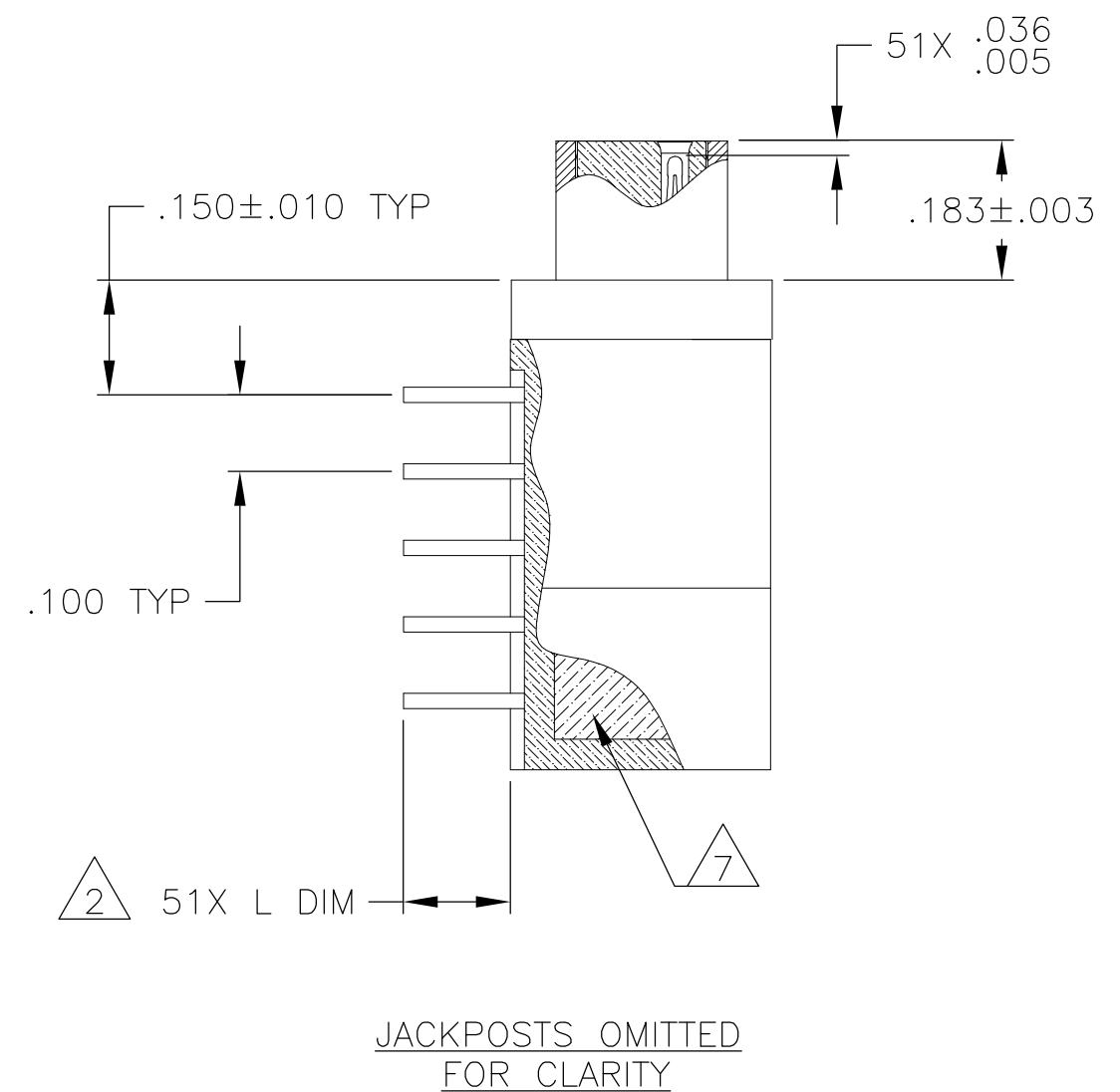
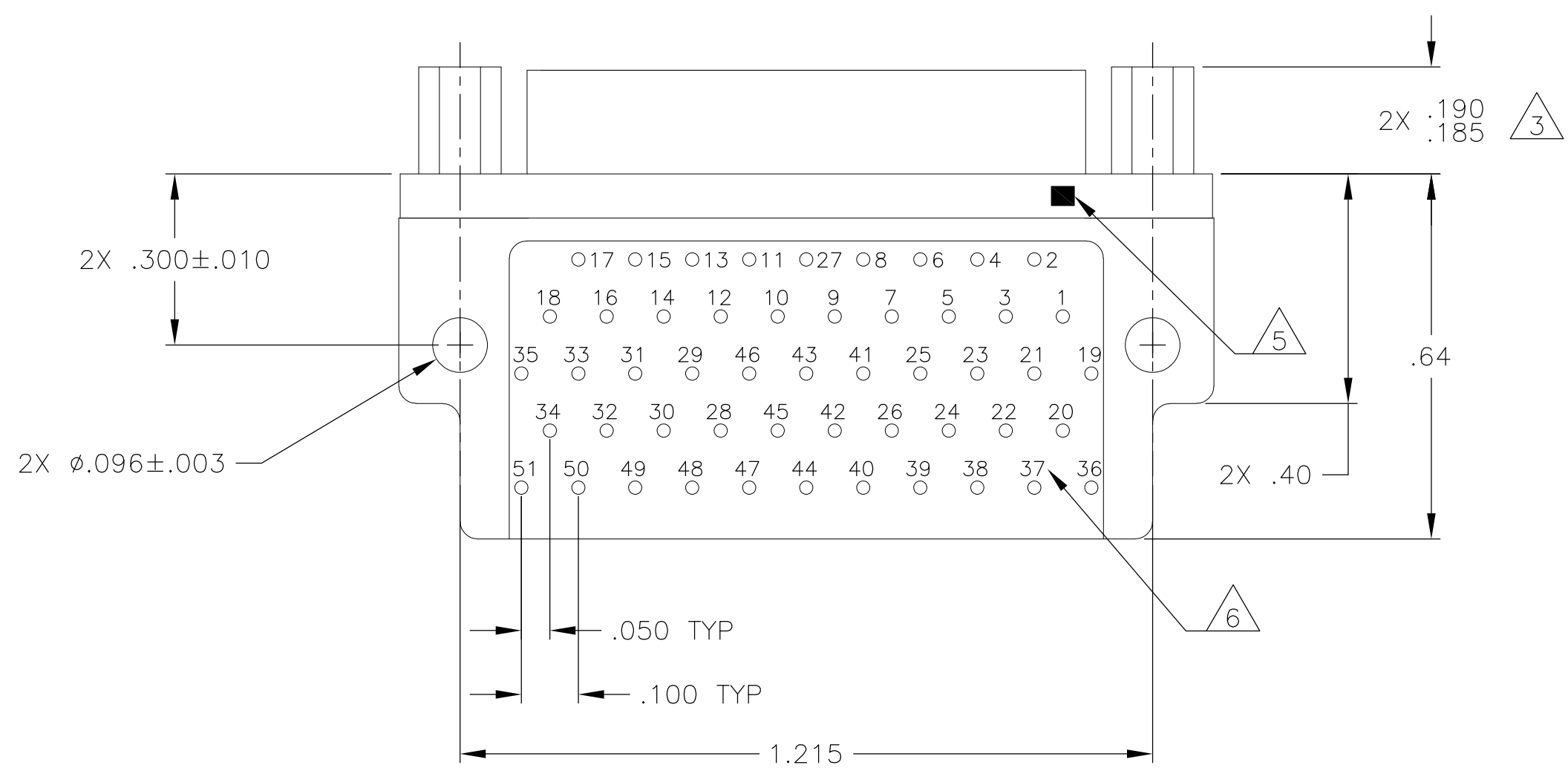
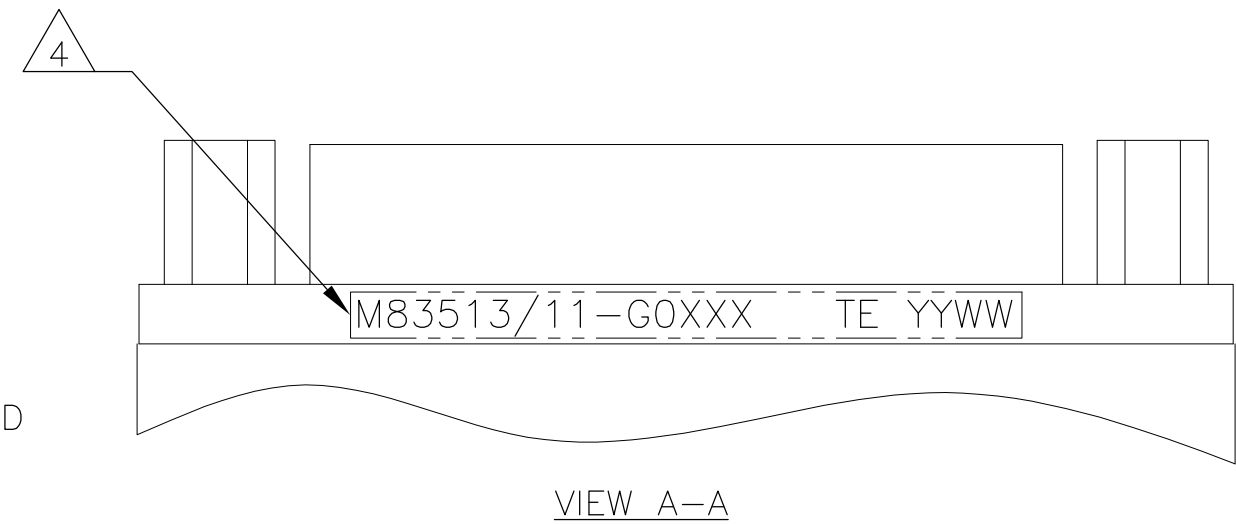
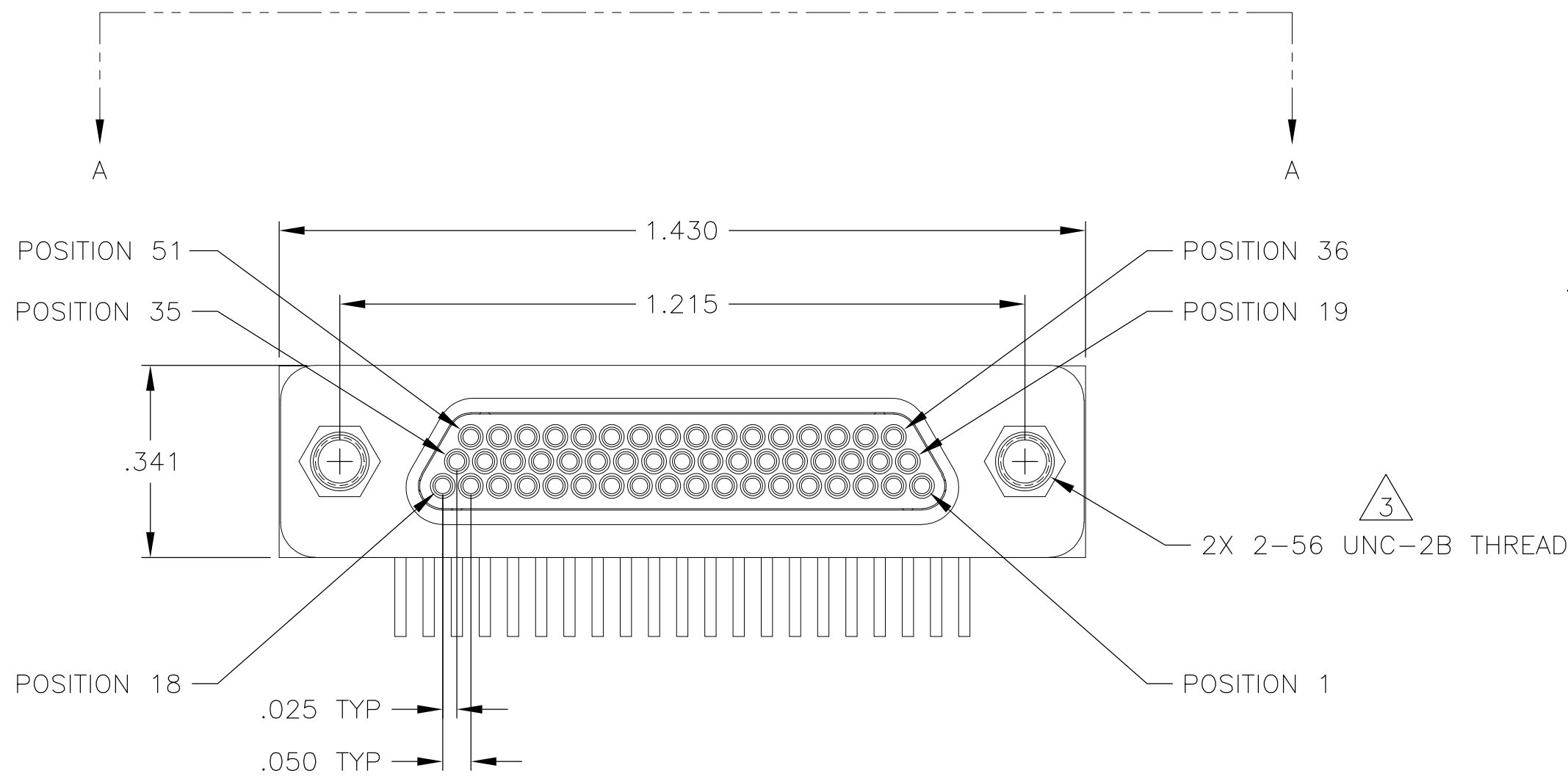




SEE SHEET 2 FOR NOTES

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C SCHOLL 2 JUL 12	TE Connectivity				
DIMENSIONS: INCHES		CHK —					
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M STORRY 2 JUL 12		NAME		
	0 PLC ± -		PRODUCT SPEC				
	1 PLC ± -		APPLICATION SPEC				
	2 PLC ± .010		—				
3 PLC ± .005		WEIGHT		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
4 PLC ± -		—		A2	98278	C=1532256	—
ANGLES ± 1°		CUSTOMER DRAWING		SCALE 4:1		SHEET 1 of 2	REV A
FINISH		SEE NOTES					

4

3

2

1

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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

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SEE SHEET 1

-

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-

TE PART NUMBER	MIL-DTL-83513 PIN	MCKS DESCRIPTION	SHELL FINISH 	HARDWARE 	L DIM±.015
1532256-1	M83513/11-G01CN	MCKS-C2-B-51PRT1	CADMIUM	NONE	.109
1532256-2	M83513/11-G01CP	MCKS-C2-P-51PRT1	CADMIUM	JACKPOSTS	.109
1532256-3	M83513/11-G01NN	MCKS-N1-B-51PRT1	NICKEL	NONE	.109
1532256-4	M83513/11-G01NP	MCKS-N1-P-51PRT1	NICKEL	JACKPOSTS	.109
1532256-5	M83513/11-G02CN	MCKS-C2-B-51PRT1A	CADMIUM	NONE	.140
1532256-6	M83513/11-G02CP	MCKS-C2-P-51PRT1A	CADMIUM	JACKPOSTS	.140
1532256-7	M83513/11-G02NN	MCKS-N1-B-51PRT1A	NICKEL	NONE	.140
1532256-8	M83513/11-G02NP	MCKS-N1-P-51PRT1A	NICKEL	JACKPOSTS	.140
1532256-9	M83513/11-G03CN	MCKS-C2-B-51PRT1B	CADMIUM	NONE	.172
1-1532256-0	M83513/11-G03CP	MCKS-C2-P-51PRT1B	CADMIUM	JACKPOSTS	.172
1-1532256-1	M83513/11-G03NN	MCKS-N1-B-51PRT1B	NICKEL	NONE	.172
1-1532256-2	M83513/11-G03NP	MCKS-N1-P-51PRT1B	NICKEL	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
INSULATOR: LIQUID CRYSTAL POLYMER (LCP)
HARDWARE: 300 SERIES STAINLESS STEEL
TB BOX: POLYPHENYLENE SULFIDE (PPS) AND EPOXY POTTING



TERMINATION: 24AWG 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: M83513/11-G0XXX 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

8

ALL REQUIREMENTS CONFORM TO MIL-DTL-83513/11. SEE MIL-SPEC FOR DETAILED INTERFACE DIMENSIONS AND SUGGESTED PCB LAYOUTS

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES



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
M STORRY
PRODUCT SPEC
APPLICATION SPEC
WEIGHT
CUSTOMER DRAWING

2 JUL 12
-
2 JUL 12
-
-
-
-
-

TE Connectivity

NAME
PLUG ASSEMBLY, MCKS, RT1 RIGHT
ANGLE, PCB MOUNT, 3 ROW,
SIZE 51, PER MIL-DTL-83513/11

SIZE
A2

CAGE CODE
98278

DRAWING NO
C=1532256

RESTRICTED TO
-

SCALE
4:1

SHEET
2 of 2

REV
A

1532256

1532256

1471-9 (3/11)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[M83513/11-G01NN](#)