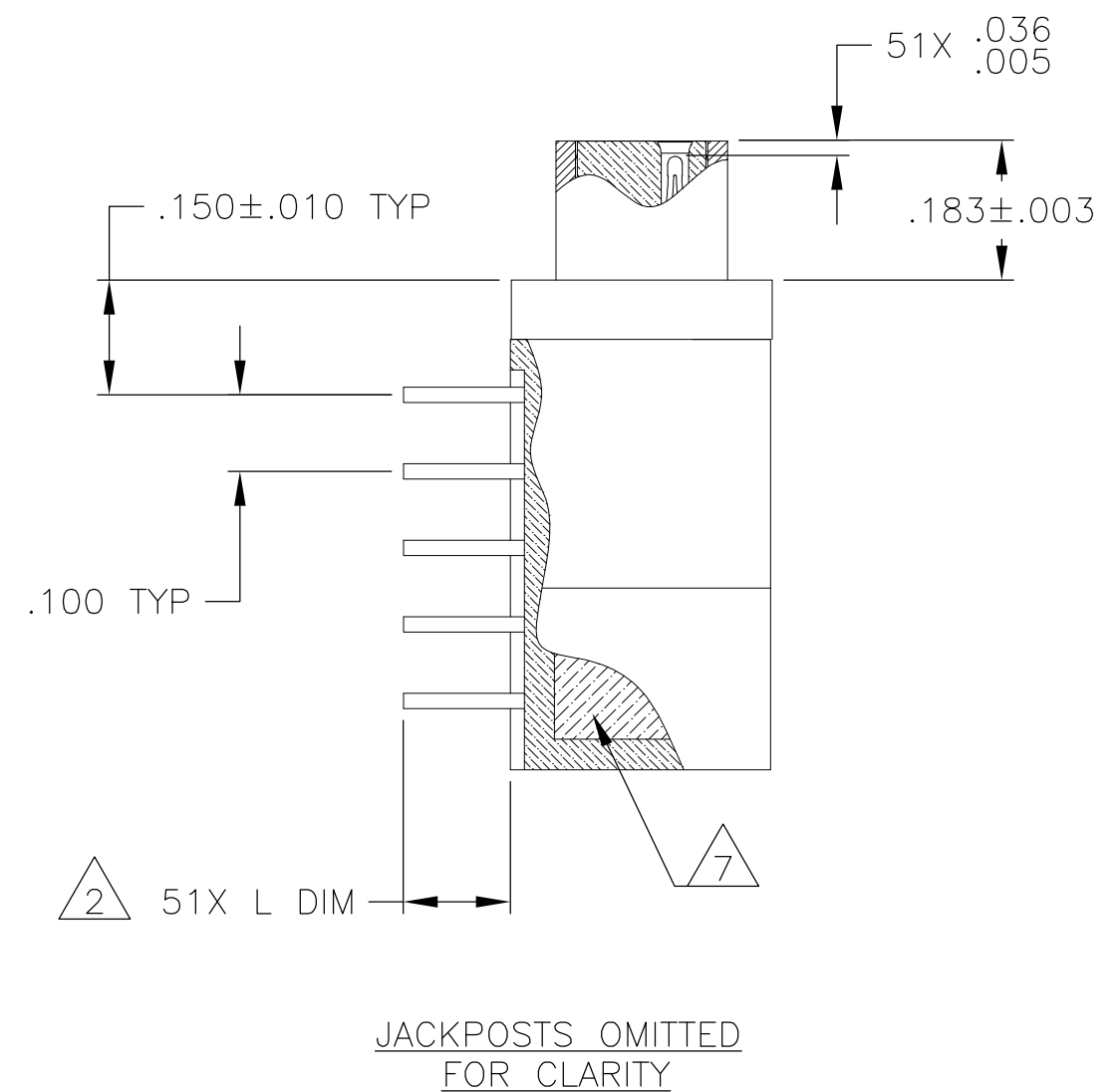
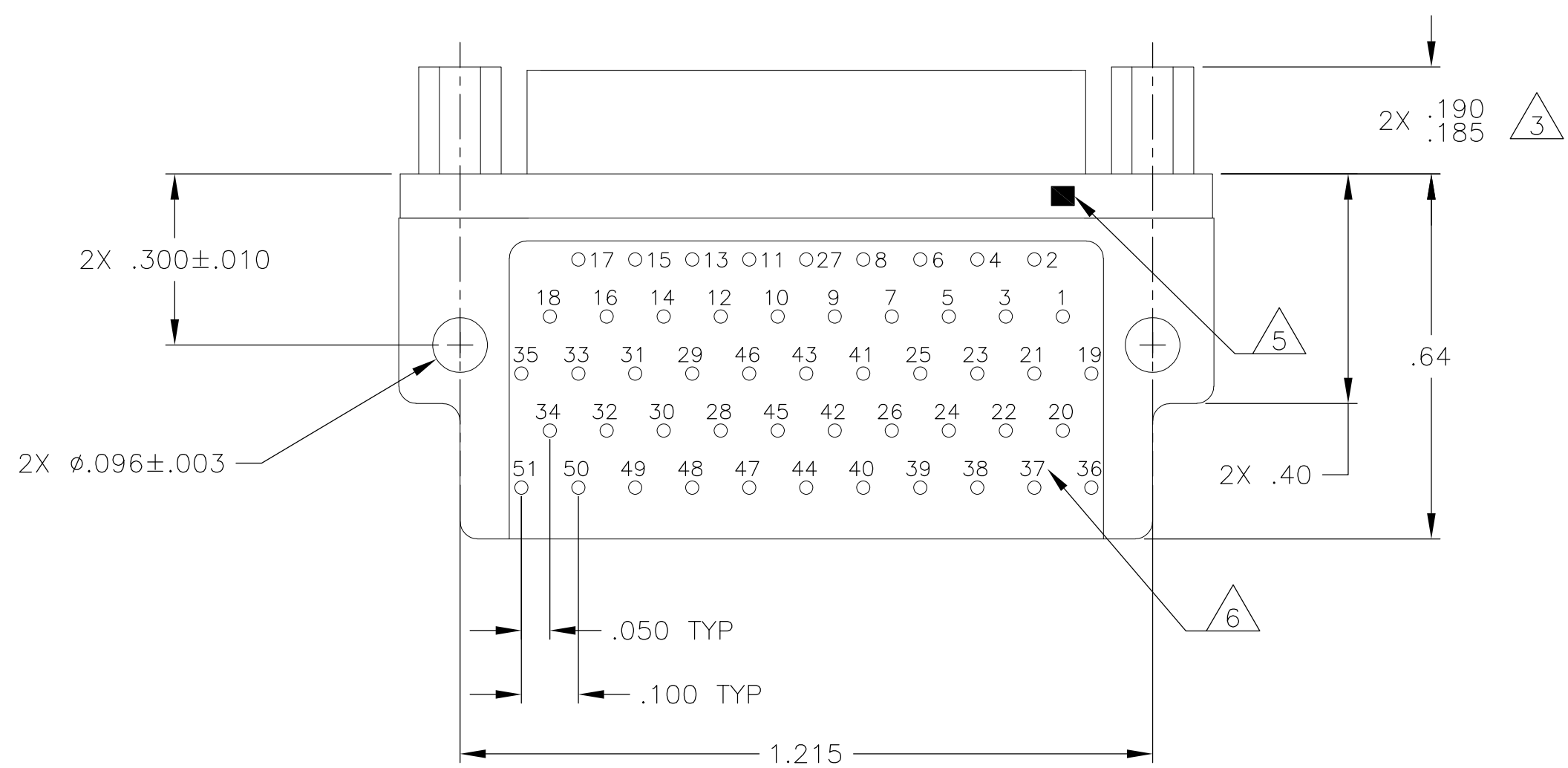
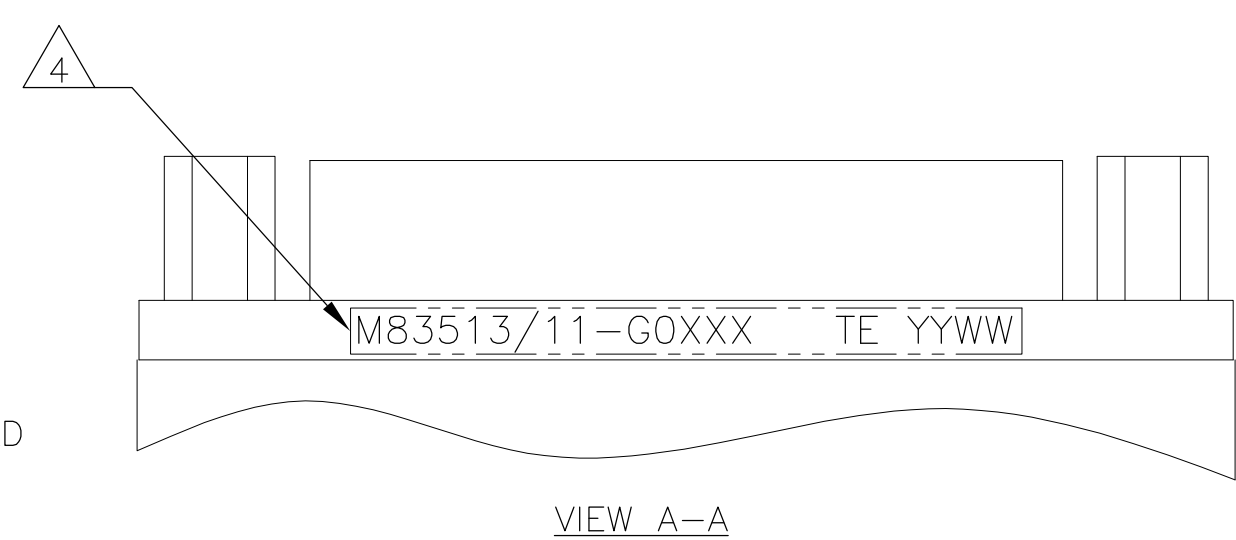
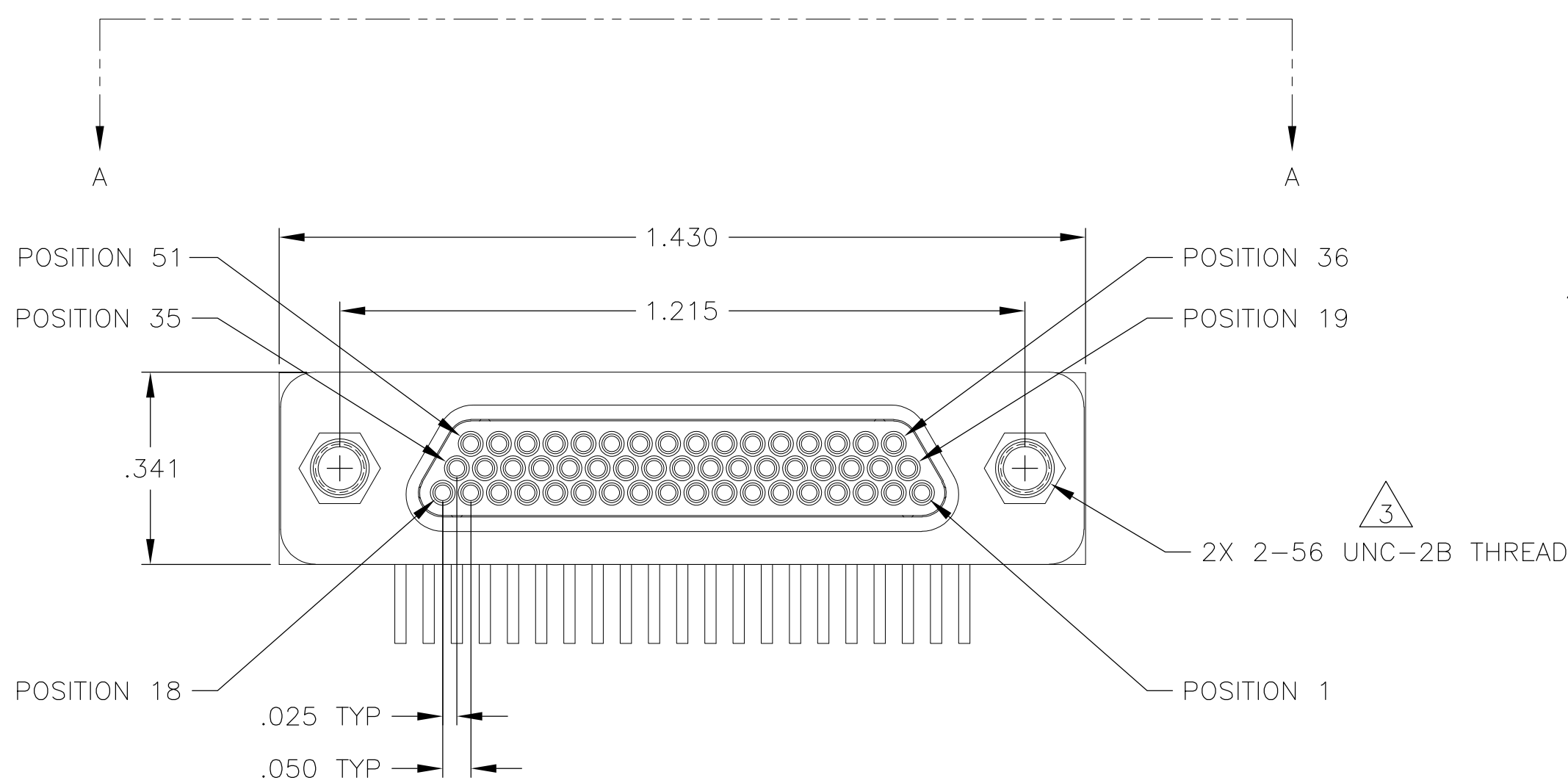


D

C

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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	PLUG ASSEMBLY, MCKS, RT1 RIGHT		
	1 PLC ± -		APPLICATION SPEC	ANGLE, PCB MOUNT, 3 ROW,		
	2 PLC ± .010		—	SIZE 51, PER MIL-DTL-83513/11		
3 PLC ± .005		—	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
4 PLC ± -		—	A2	98278	C=1532256	—
ANGLES ± 1°		FINISH	SCALE 4:1			
MATERIAL SEE NOTES		SEE NOTES	SHEET 1 OF 2			
		CUSTOMER DRAWING	REV A			

1532256

B

A

4

3

2

1

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RELEASED FOR PUBLICATION

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LOC

DIST

REVISIONS

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LTR

DESCRIPTION

DATE

DWN

APVD

-

-

SEE SHEET 1

-

-

-

TE PART NUMBER	MIL-DTL-83513 PIN	MCKS DESCRIPTION	SHELL FINISH 1	HARDWARE 3	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

1

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

2

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

3

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.

4

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.

5

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.

6

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

7

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

NAME

SIZE
A2

CAGE CODE
98278

DRAWING NO
C=1532256

RESTRICTED TO
-

SCALE
4:1

SHEET
2 of 2

REV
A

TE

TE Connectivity

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

1532256

1532256

1471-9 (3/11)