

D

C

B

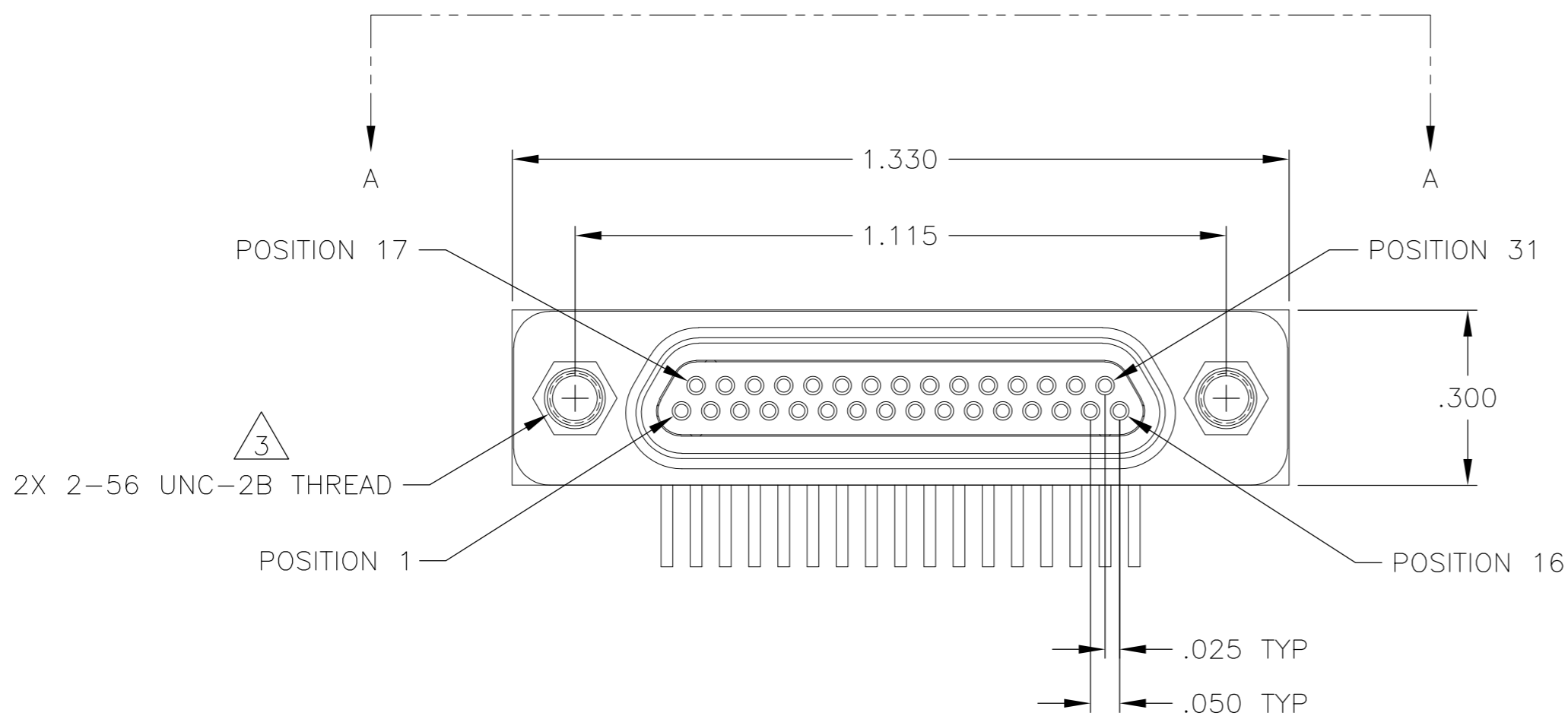
A

D

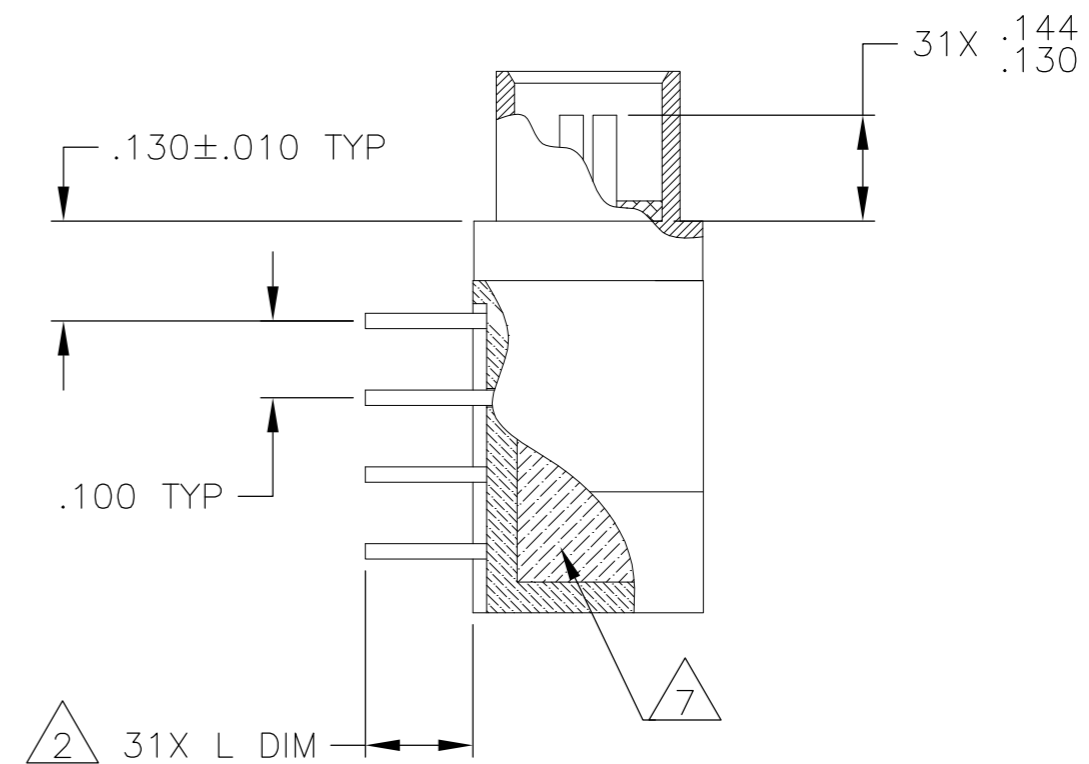
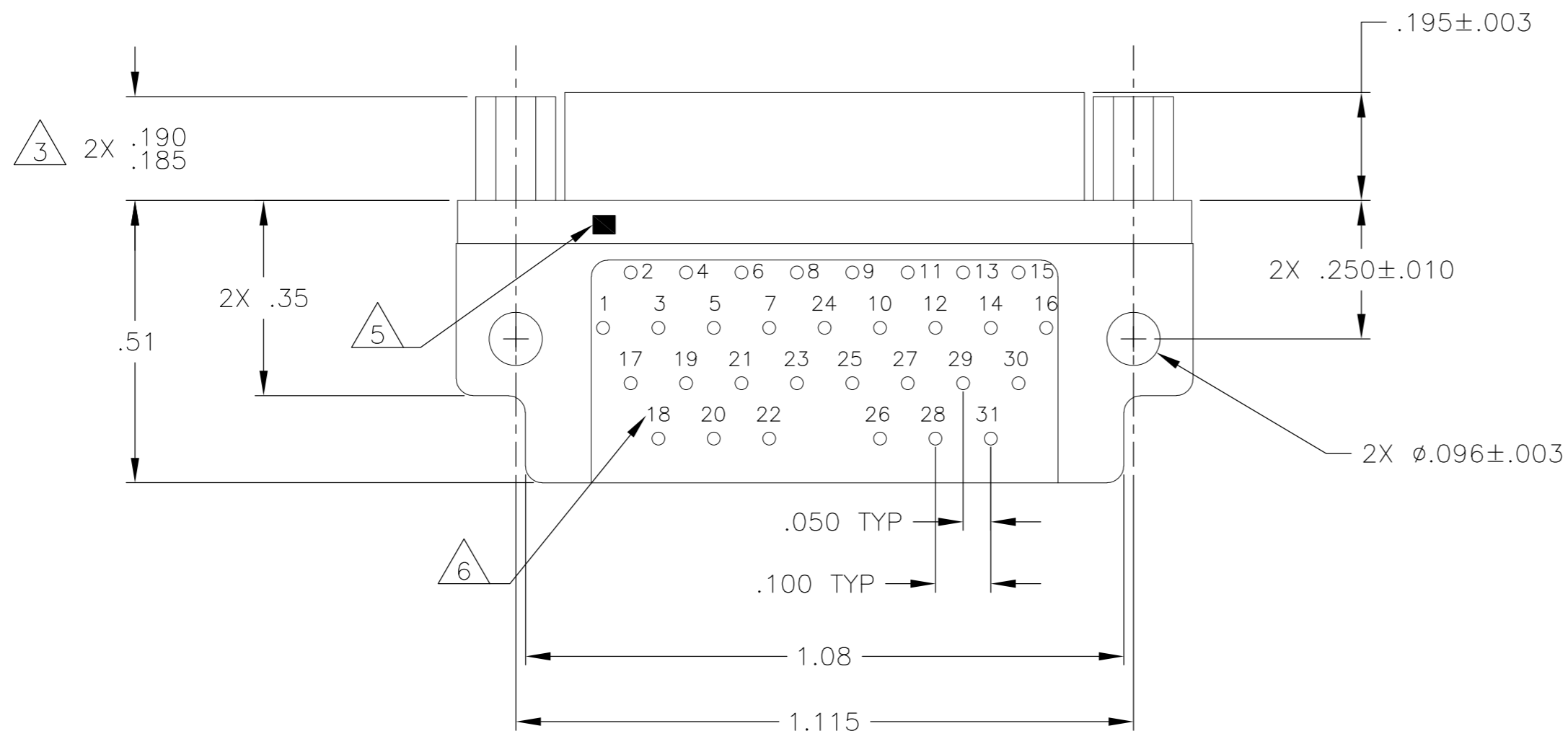
C

B

A



VIEW A-A



JACKPOSTS OMITTED
FOR CLARITY

SEE SHEET 2 FOR NOTES

1532262

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C SCHOLL 2 JUL 12	TE Connectivity		
DIMENSIONS: INCHES		CHK — APVD M STORRY 2 JUL 12			
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLC ± — 1 PLC ± — 2 PLC ± .010 3 PLC ± .005 4 PLC ± — ANGLES ± 1°		RECEPTACLE ASSEMBLY, MCKS, RT1 RIGHT ANGLE, PCB MOUNT, 2 ROW, SIZE 31, PER MIL-DTL-83513/13	
MATERIAL SEE NOTES		FINISH SEE NOTES		SIZE A2	CAGE CODE 98278
		WEIGHT —		DRAWING NO C=1532262	RESTRICTED TO —
		CUSTOMER DRAWING		SCALE 4:1	SHEET 1 OF 2
				REV A	

4

3

2

1

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RELEASED FOR PUBLICATION

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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
1532262-1	M83513/13-E01CN	MCKS-C2-B-31SRT1	CADMIUM	NONE	.109
1532262-2	M83513/13-E01CP	MCKS-C2-P-31SRT1	CADMIUM	JACKPOSTS	.109
1532262-3	M83513/13-E01NN	MCKS-N1-B-31SRT1	NICKEL	NONE	.109
1532262-4	M83513/13-E01NP	MCKS-N1-P-31SRT1	NICKEL	JACKPOSTS	.109
1532262-5	M83513/13-E02CN	MCKS-C2-B-31SRT1A	CADMIUM	NONE	.140
1532262-6	M83513/13-E02CP	MCKS-C2-P-31SRT1A	CADMIUM	JACKPOSTS	.140
1532262-7	M83513/13-E02NN	MCKS-N1-B-31SRT1A	NICKEL	NONE	.140
1532262-8	M83513/13-E02NP	MCKS-N1-P-31SRT1A	NICKEL	JACKPOSTS	.140
1532262-9	M83513/13-E03CN	MCKS-C2-B-31SRT1B	CADMIUM	NONE	.172
1-1532262-0	M83513/13-E03CP	MCKS-C2-P-31SRT1B	CADMIUM	JACKPOSTS	.172
1-1532262-1	M83513/13-E03NN	MCKS-N1-B-31SRT1B	NICKEL	NONE	.172
1-1532262-2	M83513/13-E03NP	MCKS-N1-P-31SRT1B	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)
INTERFACIAL SEAL: FLUOROSILICONE PER SAE-AMS-R-25988
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: M83513/13-E0XXX 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-83513/13. 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

X APR 12
2 JUL 12

NAME
RECEPTACLE ASSEMBLY, MCKS, RT1 RIGHT ANGLE, PCB MOUNT, 2 ROW, SIZE 31, PER MIL-DTL-83513/13

SIZE
A2
CAGE CODE
98278
DRAWING NO
1532262
SCALE
4:1
SHEET
2 OF 2
REV
A

RESTRICTED TO
-

TE Connectivity

1532262

1471-9 (3/11)

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