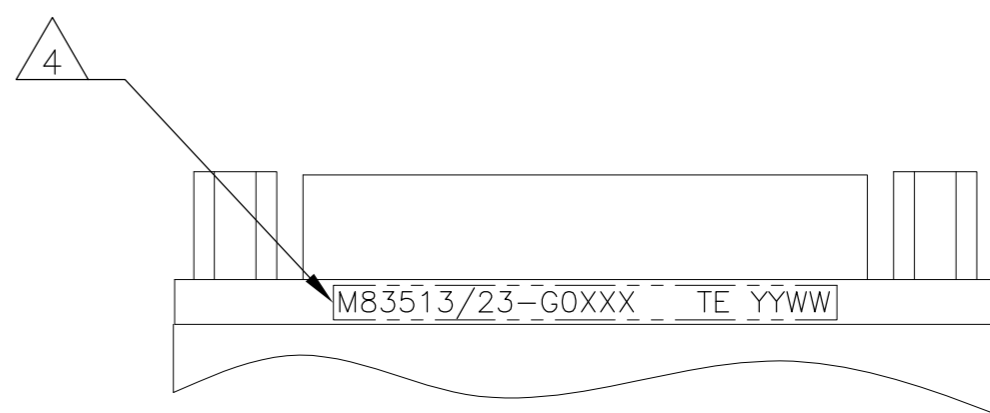
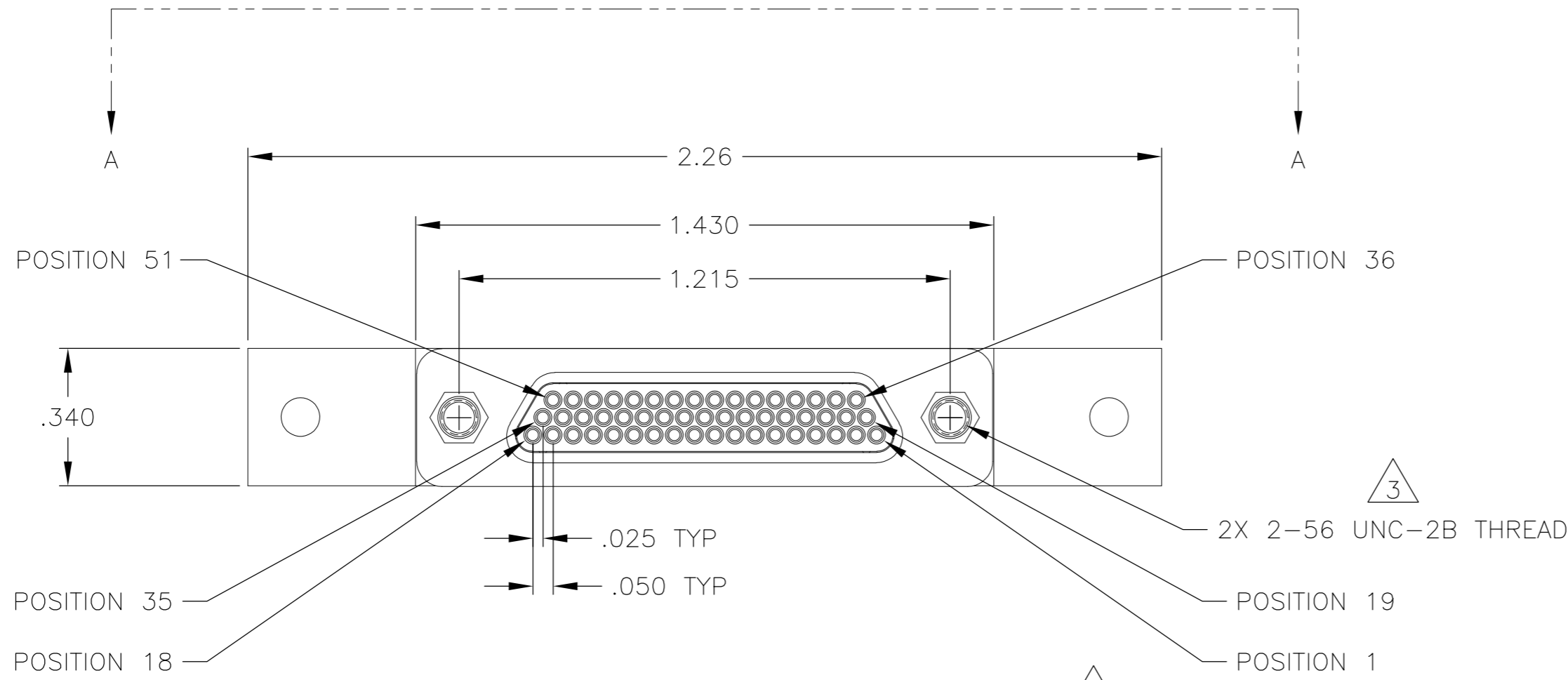
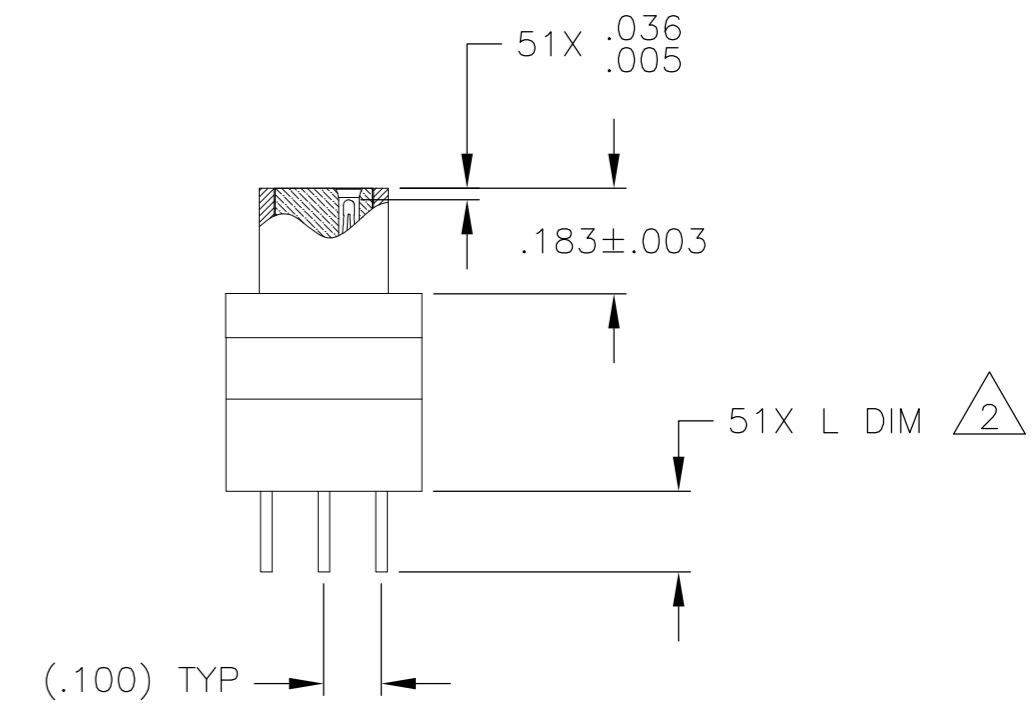
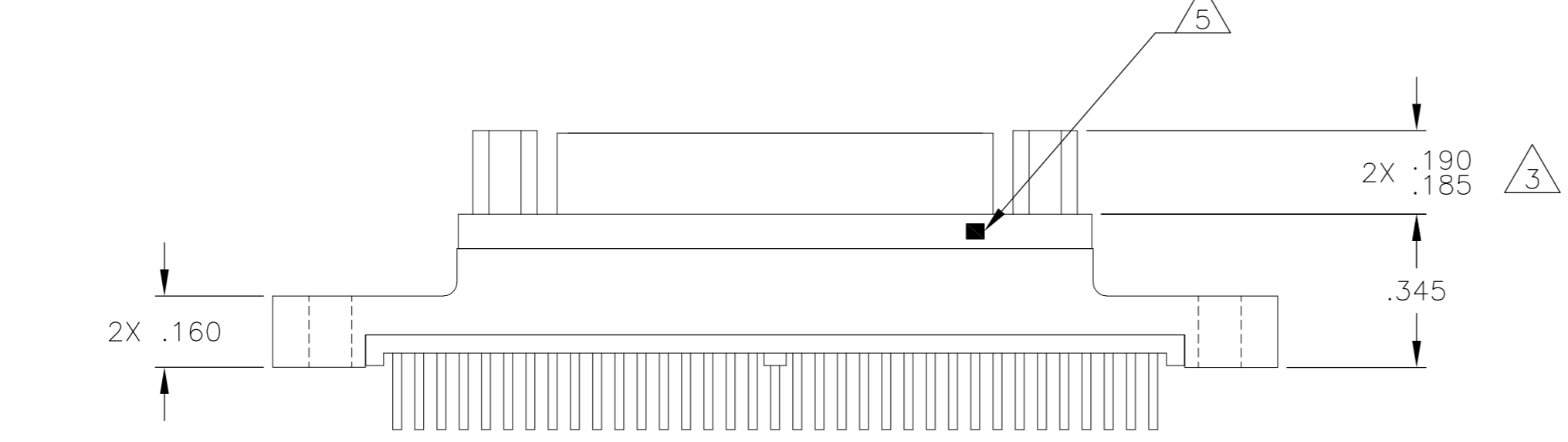


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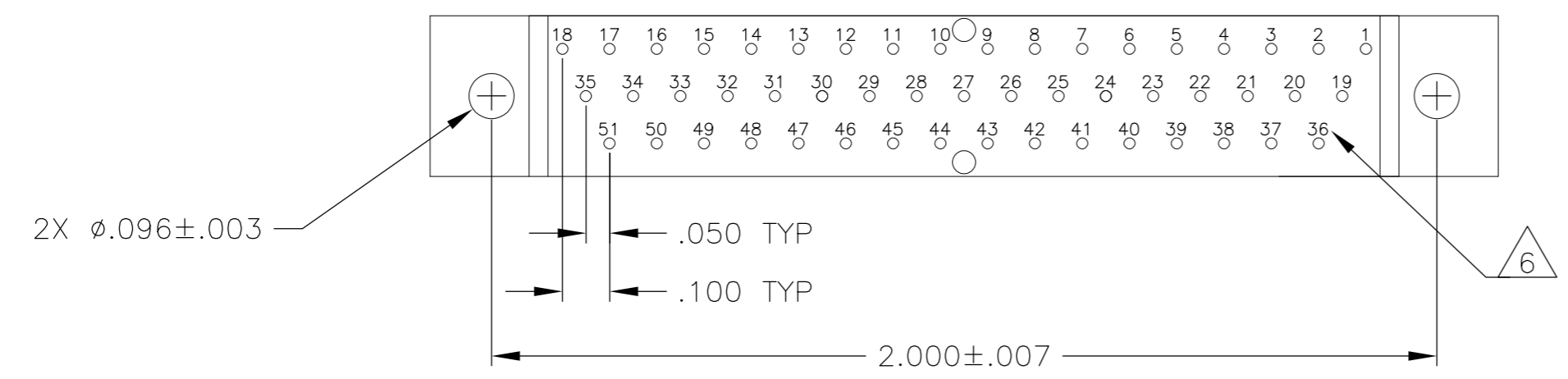
REVISIONS				DATE	DWN	APVD
P	LTR	DESCRIPTION				
A		INITIAL RELEASE	2 JUL 12	CAS	MKS	



VIEW A-A



JACKPOSTS OMITTED FOR CLARITY



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C SCHOLL 2 JUL 12		
DIMENSIONS: INCHES		CHK -		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M STORRY 2 JUL 12	NAME	
0 PLC ± -		PRODUCT SPEC	PLUG ASSEMBLY, MCKS, ST1 STRAIGHT TERMINATION, PCB MOUNT, 3 ROW, SIZE 51, PER MIL-DTL-83513/23	
1 PLC ± -		APPLICATION SPEC	SIZE	CAGE CODE
2 PLC ± .010			A2	98278
3 PLC ± .005		WEIGHT	DRAWING NO	
4 PLC ± -			C=1532272	
ANGLES ± 1°		CUSTOMER DRAWING	SCALE	SHEET
MATERIAL SEE NOTES			3:1	1 of 2
FINISH SEE NOTES			REV	A

SEE SHEET 2 FOR NOTES


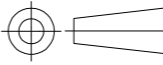
1532272

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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
-	-	SEE SHEET 1	-	-	-		

TE PART NUMBER	MIL-DTL-83513 PIN	MCKS DESCRIPTION	SHELL FINISH $\triangle 1$	HARDWARE $\triangle 3$	L DIM $\pm .015$
1532272-1	M83513/23-G01CN	MCKS-C2-B-51PST1	CADMIUM	NONE	.109
1532272-2	M83513/23-G01CP	MCKS-C2-P-51PST1	CADMIUM	JACKPOSTS	.109
1532272-3	M83513/23-G01NN	MCKS-N1-B-51PST1	NICKEL	NONE	.109
1532272-4	M83513/23-G01NP	MCKS-N1-P-51PST1	NICKEL	JACKPOSTS	.109
1532272-5	M83513/23-G02CN	MCKS-C2-B-51PST1A	CADMIUM	NONE	.140
1532272-6	M83513/23-G02CP	MCKS-C2-P-51PST1A	CADMIUM	JACKPOSTS	.140
1532272-7	M83513/23-G02NN	MCKS-N1-B-51PST1A	NICKEL	NONE	.140
1532272-8	M83513/23-G02NP	MCKS-N1-P-51PST1A	NICKEL	JACKPOSTS	.140
1532272-9	M83513/23-G03CN	MCKS-C2-B-51PST1B	CADMIUM	NONE	.172
1-1532272-0	M83513/23-G03CP	MCKS-C2-P-51PST1B	CADMIUM	JACKPOSTS	.172
1-1532272-1	M83513/23-G03NN	MCKS-N1-B-51PST1B	NICKEL	NONE	.172
1-1532272-2	M83513/23-G03NP	MCKS-N1-P-51PST1B	NICKEL	JACKPOSTS	.172

- $\triangle 1$ 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
- $\triangle 2$ TERMINATION: 24AWG GOLD PLATED COPPER WIRE, Sn63Pb37 SOLDER DIPPED UP TO MOUNTING SURFACE AT A MINIMUM
- $\triangle 3$ 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.
- $\triangle 4$ 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: M83513/23-GOXXX 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.
- $\triangle 5$ 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.
- $\triangle 6$ TERMINAL IDENTIFICATION NUMBERS AS SHOWN DO NOT ACTUALLY APPEAR ON THE PART (FOR IDENTIFICATION ONLY)
- 7 ALL REQUIREMENTS CONFORM TO MIL-DTL-83513/23. SEE MIL-SPEC FOR DETAILED INTERFACE DIMENSIONS AND SUGGESTED PCB LAYOUTS

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 $\pm -$ 1 PLC $\pm -$ 2 PLC $\pm .010$ 3 PLC $\pm .005$ 4 PLC $\pm -$ ANGLES $\pm 1^\circ$		PRODUCT SPEC	PLUG ASSEMBLY, MCKS, ST1 STRAIGHT TERMINATION, PCB MOUNT, 3 ROW, SIZE 51, PER MIL-DTL-83513/23	
MATERIAL SEE NOTES		FINISH SEE NOTES	APPLICATION SPEC	RESTRICTED TO
MATERIAL SEE NOTES		FINISH SEE NOTES	WEIGHT -	SIZE A2 CAGE CODE 98278 DRAWING NO C=1532272
MATERIAL SEE NOTES		FINISH SEE NOTES	WEIGHT -	SCALE 3:1 SHEET 2 of 2 REV A
MATERIAL SEE NOTES		FINISH SEE NOTES	WEIGHT -	CUSTOMER DRAWING