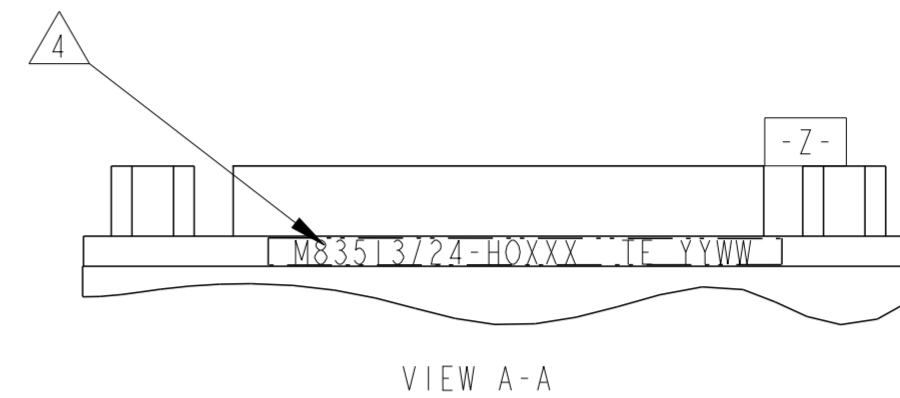
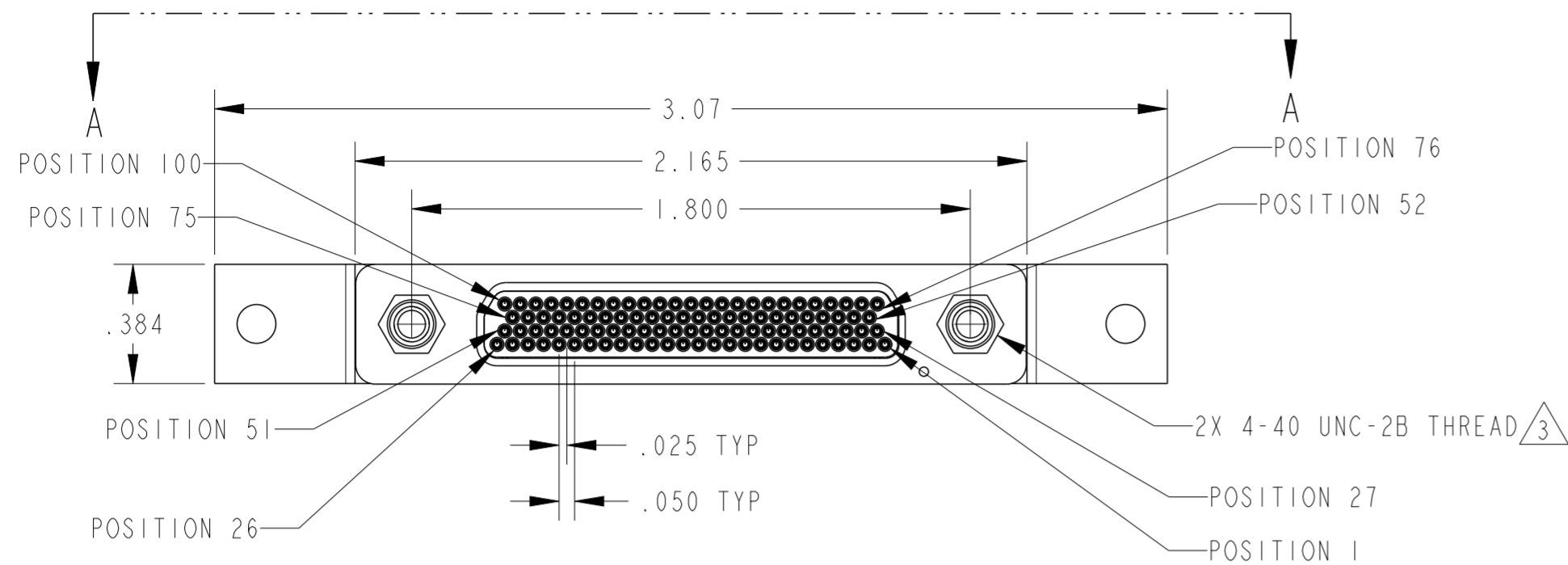
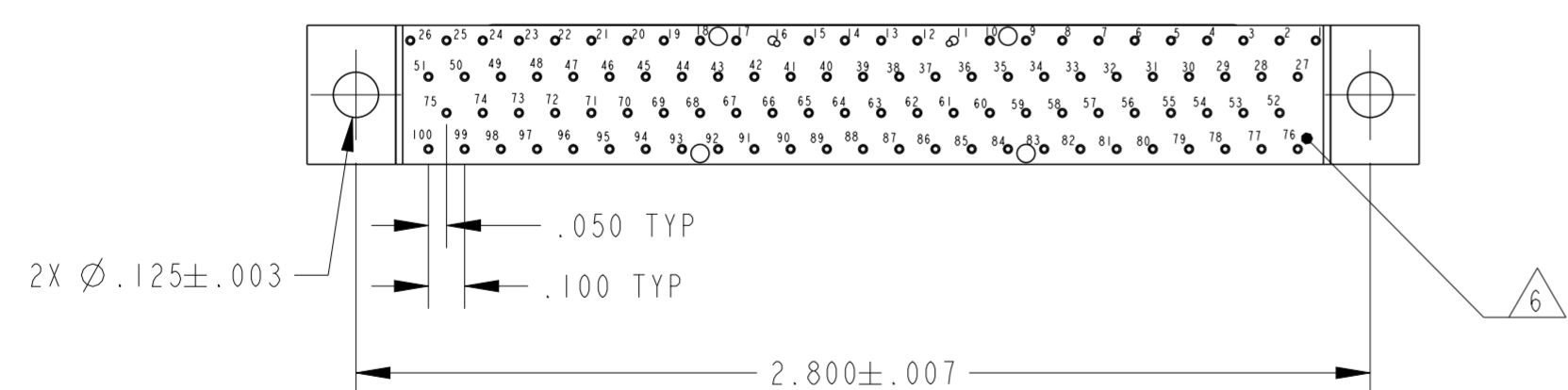
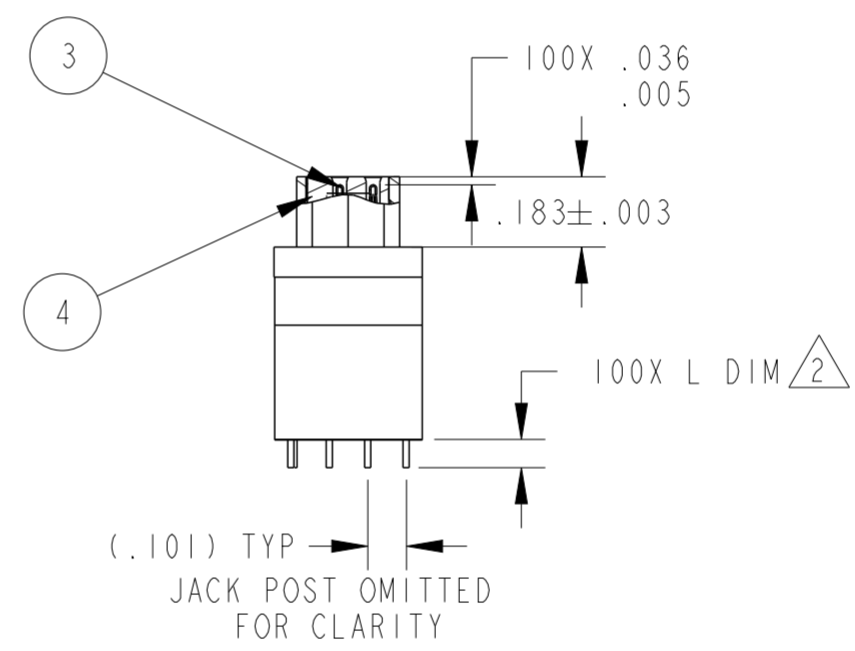
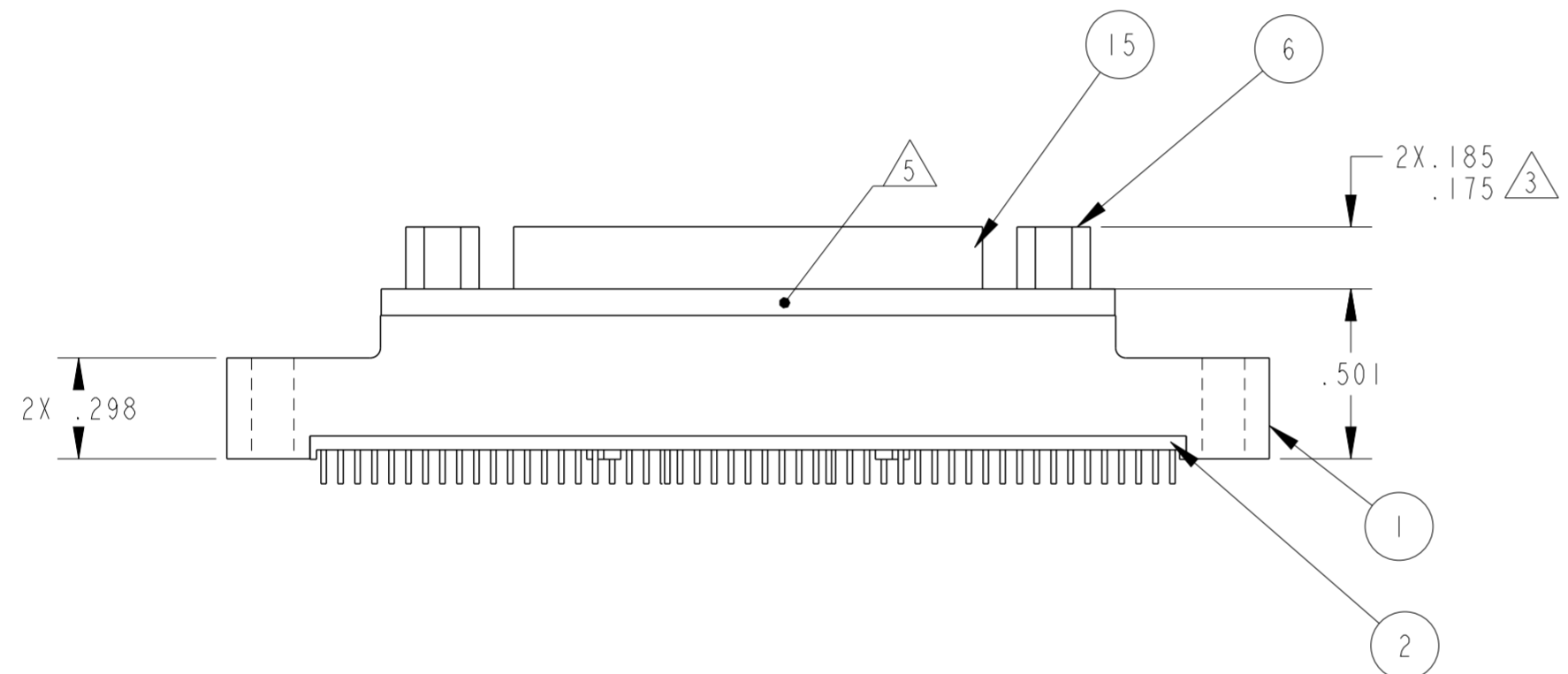


P	LTR	DESCRIPTION	DATE	DWN	APVD
A		INITIAL RELEASED	02JUL2012	CAS	MKS
B		REVISED PER ECO-20-017666	16NOV2021	LN	DC



VIEW A-A



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN N. LOHLTH 16NOV2021	TE Connectivity	
DIMENSIONS: INCHES		CHK C. DANIEL 16NOV2021		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD C. DANIEL 16NOV2021	NAME PLUG ASSEMBLY, MCKS, STI, STRIAIGHT TERMINATION, PCB MOUNT, 4 ROW,	
0 PLC ±-		PRODUCT SPEC	-	
1 PLC ±-		APPLICATION SPEC	-	
2 PLC ±.010		WEIGHT	-	
3 PLC ±.005		CUSTOMER DRAWING	-	
4 PLC ±-		SCALE	2:1	
ANGLES ±1°		SHEET	1 OF 2	
FINISH		REV	B	
MATERIAL SEE NOTES		SIZE	A2	
		CAGE CODE	00779	
		DRAWING NO	C-1532273	
		RESTRICTED TO	-	

SEE SHEET 2 FOR NOTES

REVISIONS

P	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
1532273-1	M83513/24-H01CN	MCKS-C2-B-100PSTI	CADMIUM	NONE	.109
1532273-2	M83513/24-H01CP	MCKS-C2-S-100PSTI	CADMIUM	JACKPOSTS	.109
1532273-3	M83513/24-H01NN	MCKS-NI-B-100PSTI	NICKEL	NONE	.109
1532273-4	M83513/24-H01NP	MCKS-NI-S-100PSTI	NICKEL	JACKPOSTS	.109
1532273-5	M83513/24-H02CN	MCKS-C2-B-100PSTIA	CADMIUM	NONE	.140
1532273-6	M83513/24-H02CP	MCKS-C2-S-100PSTIA	CADMIUM	JACKPOSTS	.140
1532273-7	M83513/24-H02NN	MCKS-NI-B-100PSTIA	NICKEL	NONE	.140
1532273-8	M83513/24-H02NP	MCKS-NI-S-100PSTIA	NICKEL	JACKPOSTS	.140
1532273-9	M83513/24-H03CN	MCKS-C2-B-100PSTIB	CADMIUM	NONE	.172
1-1532273-0	M83513/24-H03CP	MCKS-C2-S-100PSTIB	CADMIUM	JACKPOSTS	.172
1-1532273-1	M83513/24-H03NN	MCKS-NI-B-100PSTIB	NICKEL	NONE	.172
1-1532273-2	M83513/24-H03NP	MCKS-NI-S-100PSTIB	NICKEL	JACKPOSTS	.172

¹ SHELL MATERIAL: 6061-T6 ALUMINIUM
 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


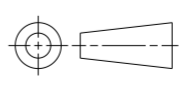
³ JACKPOST HARDWARE SHALL BE PERMANENTLY INSTALLED AS SHOWN WHEN REQUIRED BY THE MIL PIN. JACKPOST DIMENSIONS AND REQUIREMENTS ARE DEFINED IN MIL-DTL-83513/5.

⁴ CONNECTOR SHALL BE MARKED IN ACCORDANCE WITH METHOD 1 OF MIL-STD-1285. MARKING SHALL CONTAIN THE MILITARY PIN, CAGE CODE (OR TE), AND DATE CODE. EXAMPLE:M83513/24 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 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 MAKING INFORMATION.

⁶ TERMINAL IDENTIFICATION NUMBERS AS SHOWN DO NOT ACTUALLY APPEAR ON THE PART (FOR IDENTIFICATION ONLY)

7 ALL REQUIREMENTS CONFORM TO MIL-DTL-83513/24. SEE MIL-SPEC FOR DETAILED INTERFACE DIMENSIONS AND SUGGESTED PCB LAYOUTS.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN N. LOHLTH 12NOV2021	 TE Connectivity			
DIMENSIONS: INCHES		CHK C. DANIEL 12NOV2021				
		APVD C. DANIEL 12NOV2021	NAME PLUG ASSEMBLY, MCKS, STI, STRIAIGHT TERMINATION, PCB MOUNT, 4 ROW,			
		PRODUCT SPEC -	-			
MATERIAL SEE NOTES		APPLICATION SPEC -	SIZE A2	CAGE CODE 00779	DRAWING NO G-1532273	RESTRICTED TO -
WEIGHT -		CUSTOMER DRAWING	SCALE 3:1	SHEET 2 OF 2	REV B	