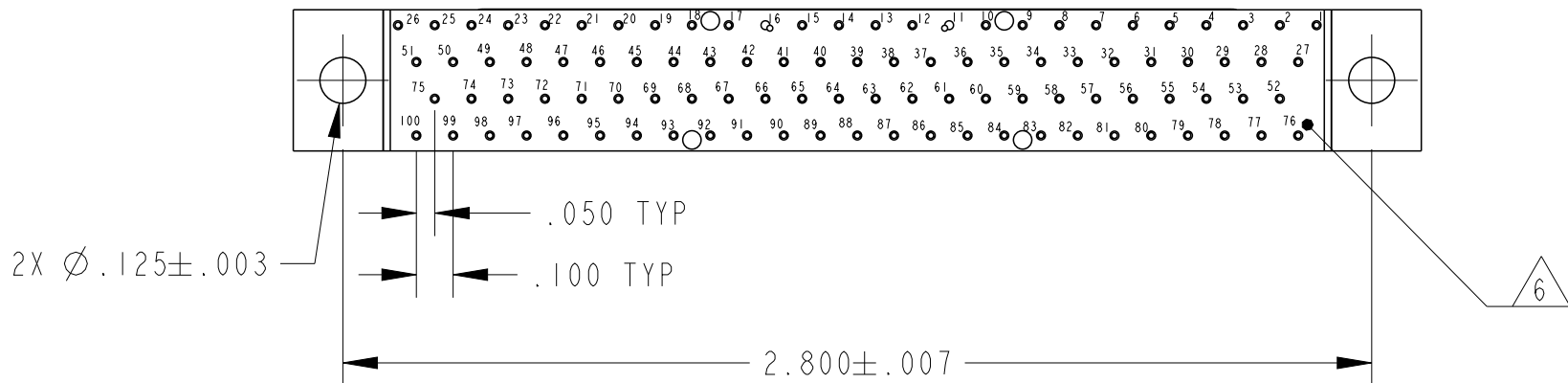
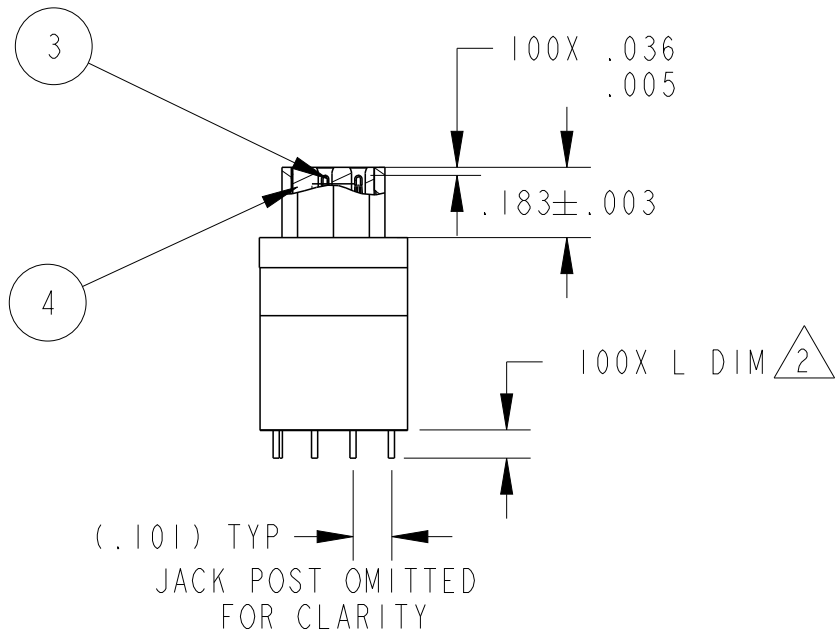
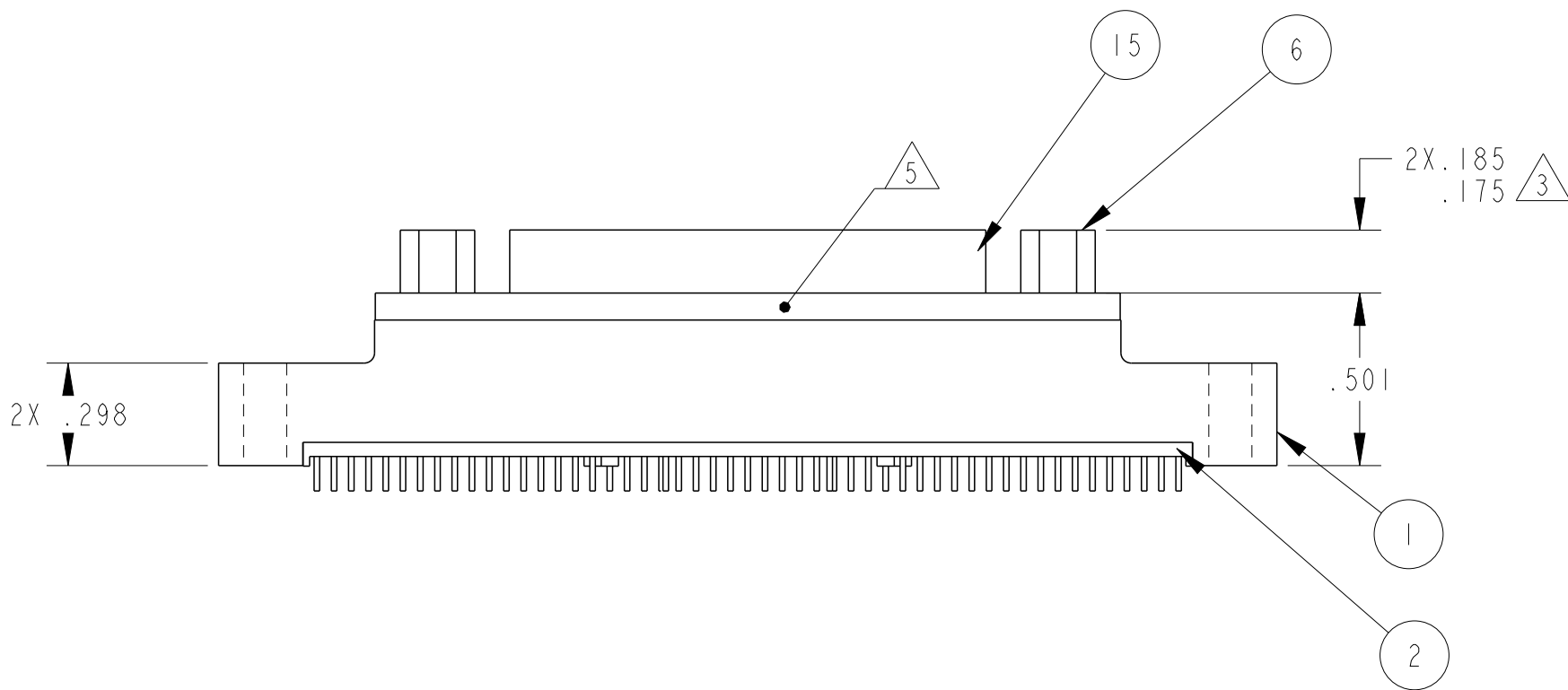
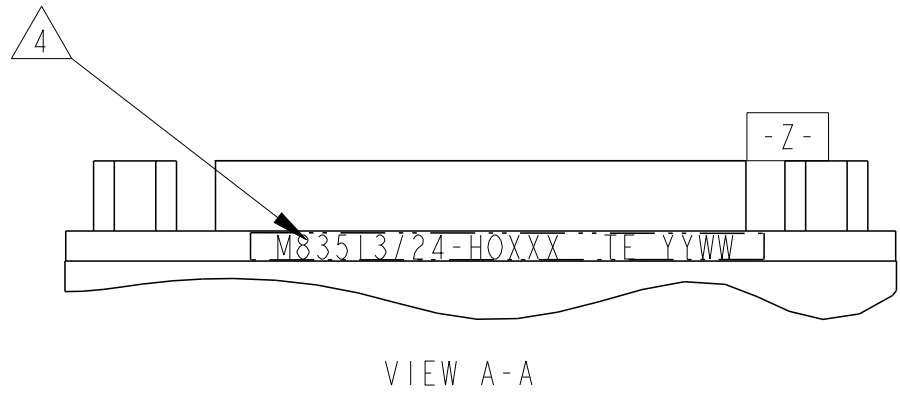
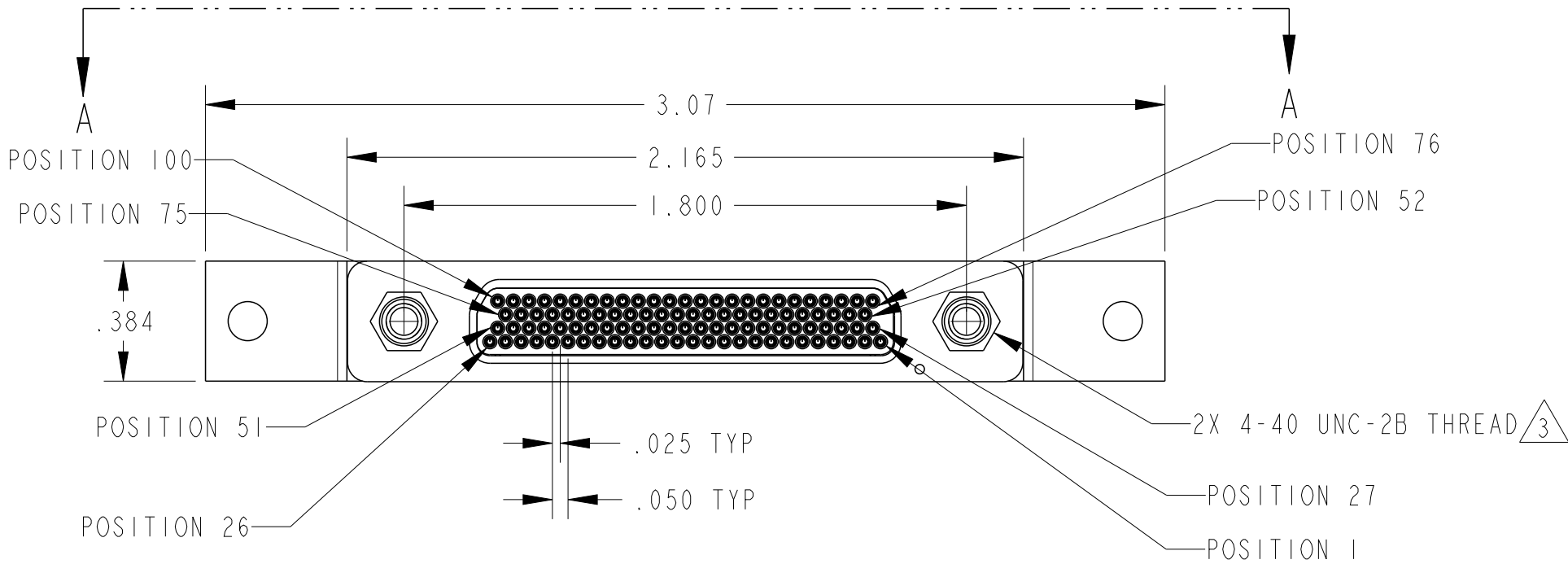


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL RELEASED	02JUL2012	CAS	MKS
	B	REVISED PER ECO-20-017666	16NOV2021	LN	DC



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

SEE SHEET 2 FOR NOTES

4

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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			

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

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

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 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.

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.

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

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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				
	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±.010 3 PLC ±.005 4 PLC ±- ±1° ANGLES	APVD C.DANIEL 12NOV2021	NAME PLUG ASSEMBLY, MCKS, STI, STRIAGHT TERMINATION, PCB MOUNT, 4 ROW,			
		PRODUCT SPEC	-			
		APPLICATION SPEC	-			
		MATERIAL SEE NOTES -	FINISH - -	WEIGHT -	SIZE A2	CAGE CODE 00779
CUSTOMER DRAWING			SCALE 3:1	SHEET 2	OF 2	REV B

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C

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1471-9 (3/13)