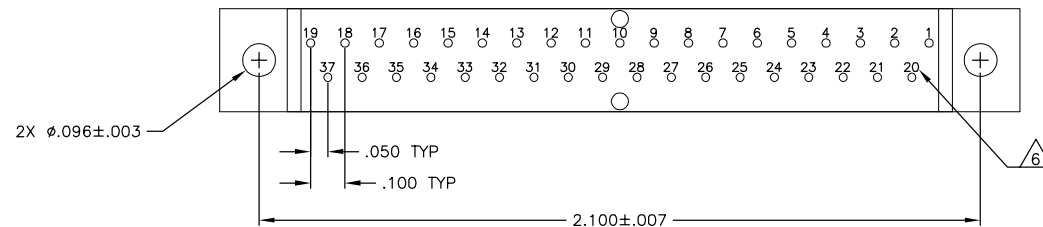
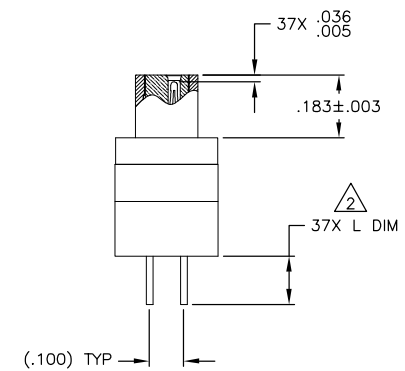
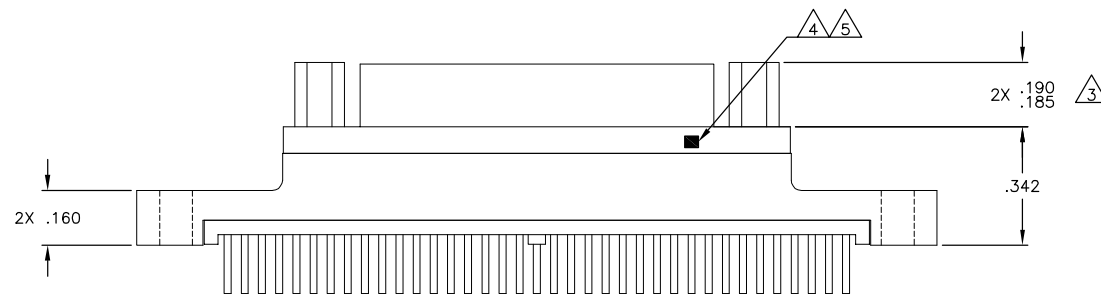
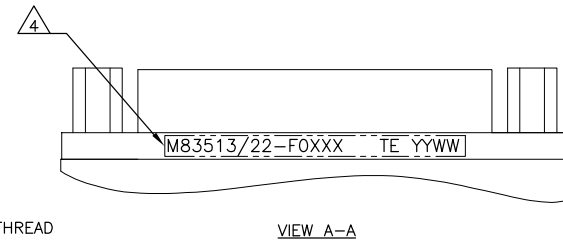
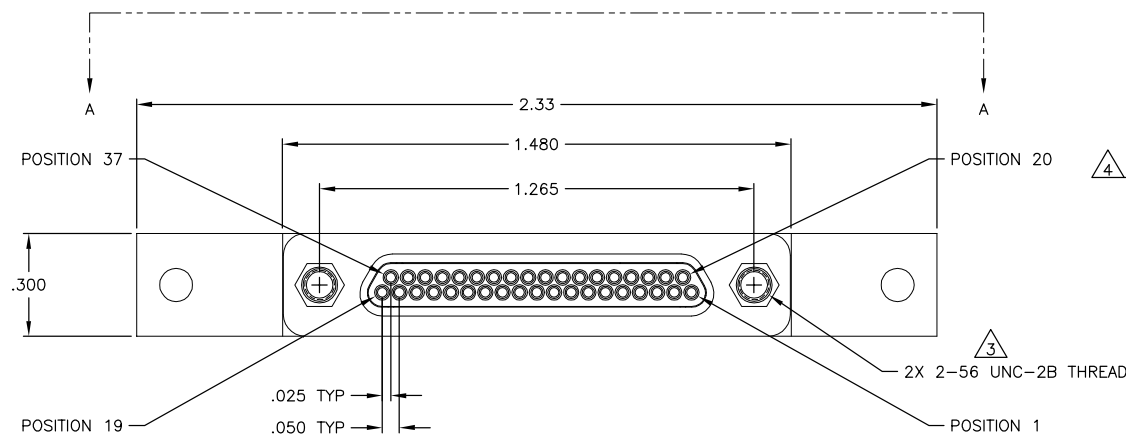


REVISIONS					
P	LYR	DESCRIPTION	DATE	DWN	APVD
B		REV PER ECO 18-005354	5-3-18	CT	AS



JACKPOSTS OMITTED
FOR CLARITY

SEE SHEET 2 FOR NOTES

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C SCHOLL	2 JUL 12		 TE Connectivity	
DIMENSIONS:		CHK M STORREY	2 JUL 12			
INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		
		0 PLC ± —		PLUG ASSEMBLY, MCKS, ST1 STRAIGHT		
		1 PLC ± —		TERMINATION, PCB MOUNT, 2 ROW,		
		2 PLC ± .010		SIZE 37, PER MIL-DTL-83513/22		
		3 PLC ± .005				
4 PLC ± ± .1		APPLICATION SPEC		SIZE		
ANGLES		WEIGHT		CAGE CODE	DRAWING NO	
MATERIAL		FINISH		A2	98278	
SEE NOTES		SEE NOTES		C=1532271		
		CUSTOMER DRAWING		SCALE		
				4:1		
				SHEET		
				1 of 2		
				REV		
				B		

REVISIONS				
P	LYR	DESCRIPTION	DATE	DWN APVO
-	-	SEE SHEET 1	-	-

TE PART NUMBER	MIL-DTL-83513 PIN	MCKS DESCRIPTION	SHELL FINISH $\triangle 1$	HARDWARE $\triangle 3$	L DIM $\pm$.015
1532271-1	M83513/22-F01CN	MCKS-C2-B-37PST1	CADMIUM	NONE	.109
1532271-2	M83513/22-F01CP	MCKS-C2-P-37PST1	CADMIUM	JACKPOSTS	.109
1532271-3	M83513/22-F01NN	MCKS-N1-B-37PST1	NICKEL	NONE	.109
1532271-4	M83513/22-F01NP	MCKS-N1-P-37PST1	NICKEL	JACKPOSTS	.109
1532271-5	M83513/22-F02CN	MCKS-C2-B-37PST1A	CADMIUM	NONE	.140
1532271-6	M83513/22-F02CP	MCKS-C2-P-37PST1A	CADMIUM	JACKPOSTS	.140
1532271-7	M83513/22-F02NN	MCKS-N1-B-37PST1A	NICKEL	NONE	.140
1532271-8	M83513/22-F02NP	MCKS-N1-P-37PST1A	NICKEL	JACKPOSTS	.140
1532271-9	M83513/22-F03CN	MCKS-C2-B-37PST1B	CADMIUM	NONE	.172
1-1532271-0	M83513/22-F03CP	MCKS-C2-P-37PST1B	CADMIUM	JACKPOSTS	.172
1-1532271-1	M83513/22-F03NN	MCKS-N1-B-37PST1B	NICKEL	NONE	.172
1-1532271-2	M83513/22-F03NP	MCKS-N1-P-37PST1B	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: M83513/22-F0XXX 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-83513/22. 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		APVO M STORRY 2 JUL 12	NAME PLUG ASSEMBLY, MCKS, ST1 STRAIGHT TERMINATION, PCB MOUNT, 2 ROW, SIZE 37, PER MIL-DTL-83513/22	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC $\pm$ - 1 PLC $\pm$ - 2 PLC $\pm$.010 3 PLC $\pm$.005 4 PLC $\pm$ - $\pm$ 1'		PRODUCT SPEC: APPLICATION SPEC: WEIGHT -	SIZE A2	CAGE CODE 98278
MATERIAL SEE NOTES		DRAWING NO 1532271		RESTRICTED TO -
FINISH SEE NOTES		CUSTOMER DRAWING		SCALE 4:1
		SHEET 2 of 2		REV B

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[TE Connectivity:](#)

[M83513/22-F01CP](#) [M83513/22-F02CP](#)