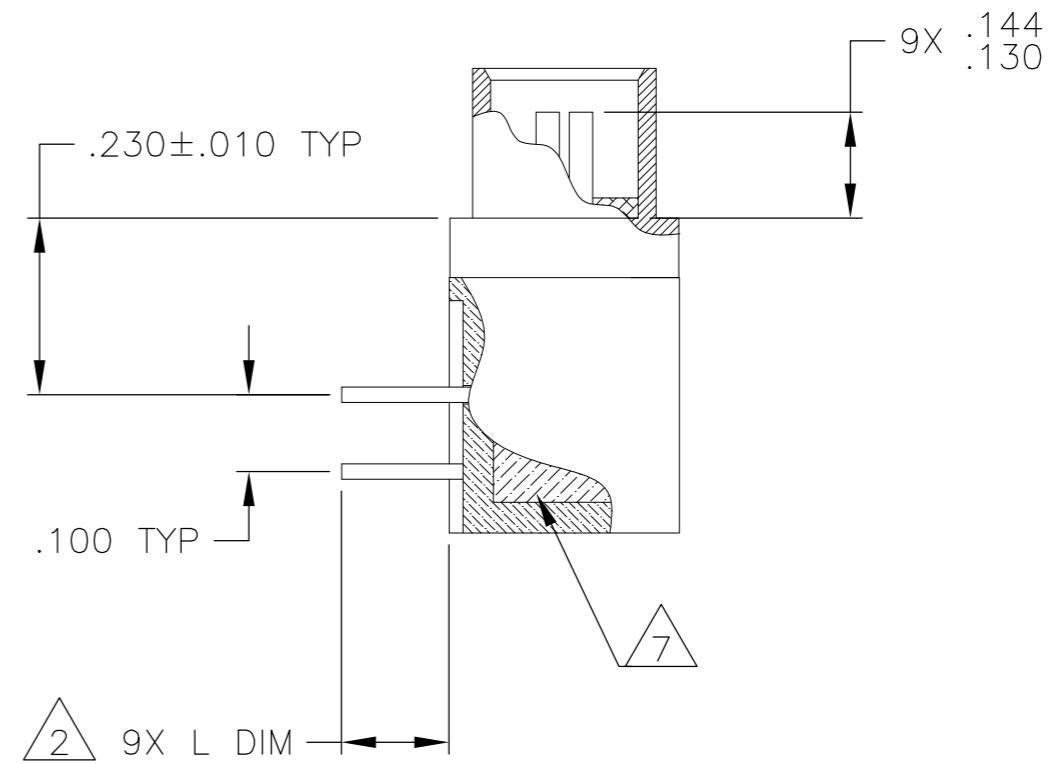
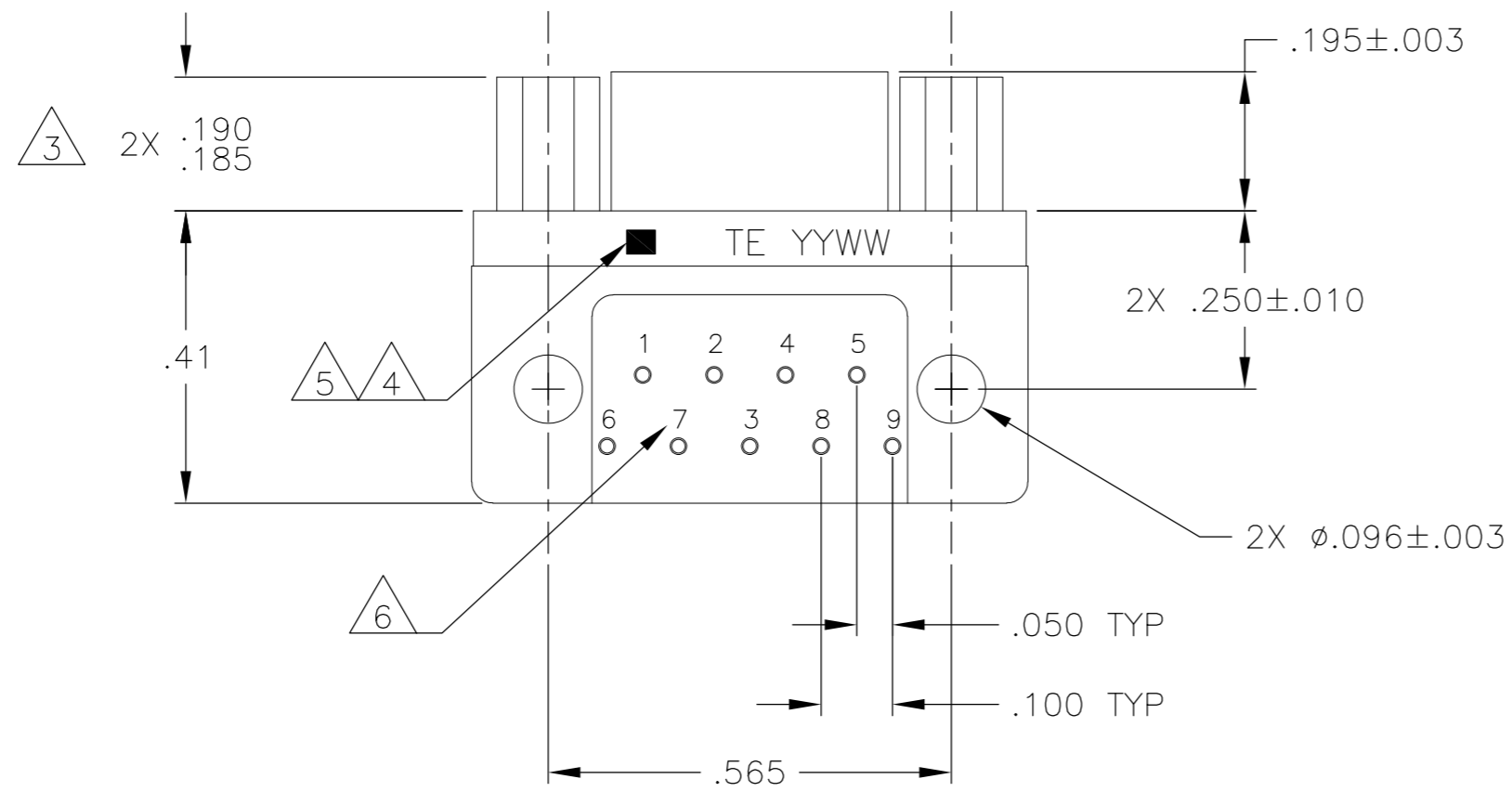
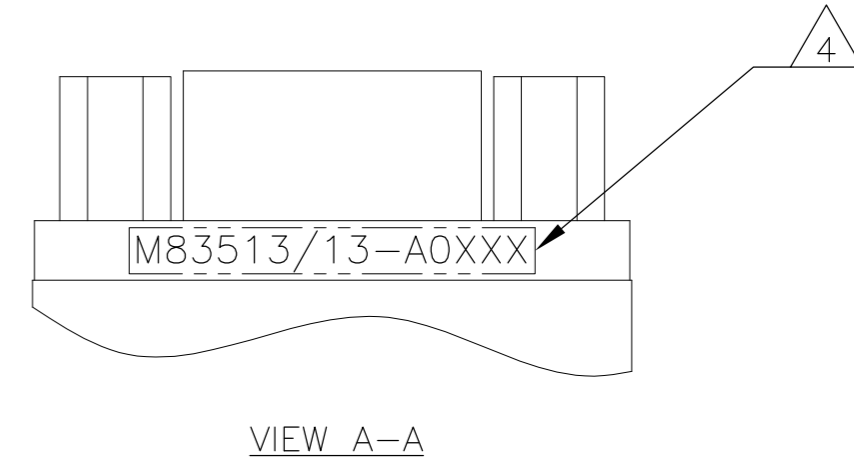
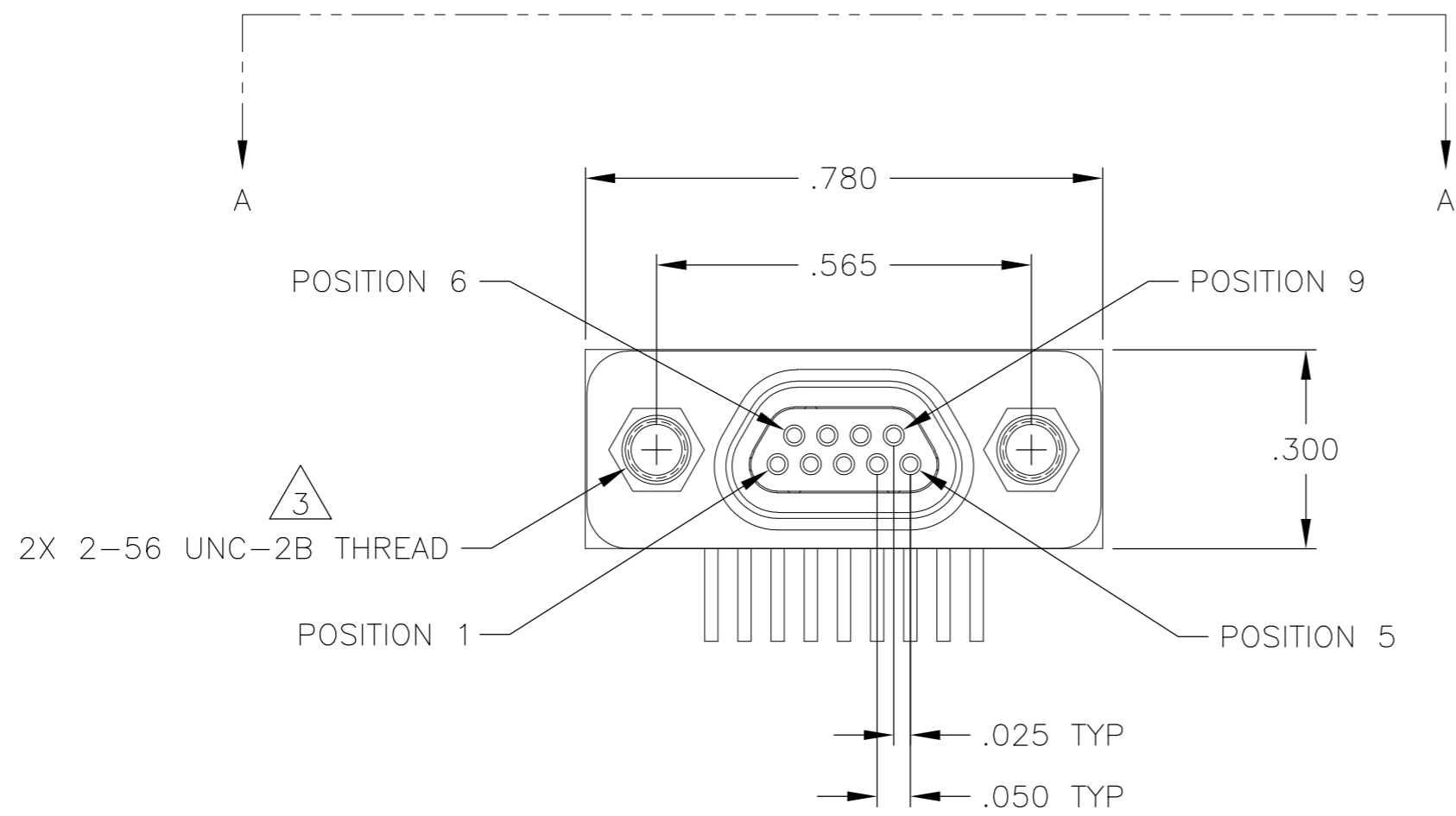


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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
	A	INITIAL RELEASE		2 JUL 12	CAS	MKS	



JACKPOSTS OMITTED FOR CLARITY

SEE SHEET 2 FOR NOTES

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		RECEPTACLE ASSEMBLY, MCKS, RT1 RIGHT	
1 PLC ± -		APPLICATION SPEC		ANGLE, PCB MOUNT, 2 ROW,	
2 PLC ± .010		-		SIZE 9, PER MIL-DTL-83513/13	
3 PLC ± .005		-		SIZE	CAGE CODE
4 PLC ± -		-		A2	98278
ANGLES ± 1°		WEIGHT		DRAWING NO	RESTRICTED TO
FINISH		-		C=1532258	-
MATERIAL SEE NOTES		CUSTOMER DRAWING		SCALE	SHEET
SEE NOTES		-		4:1	1 of 2
				REV	A

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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 $\pm .015$
1532258-1	M83513/13-A01CN	MCKS-C2-B-9SRT1	CADMIUM	NONE	.109
1532258-2	M83513/13-A01CP	MCKS-C2-P-9SRT1	CADMIUM	JACKPOSTS	.109
1532258-3	M83513/13-A01NN	MCKS-N1-B-9SRT1	NICKEL	NONE	.109
1532258-4	M83513/13-A01NP	MCKS-N1-P-9SRT1	NICKEL	JACKPOSTS	.109
1532258-5	M83513/13-A02CN	MCKS-C2-B-9SRT1A	CADMIUM	NONE	.140
1532258-6	M83513/13-A02CP	MCKS-C2-P-9SRT1A	CADMIUM	JACKPOSTS	.140
1532258-7	M83513/13-A02NN	MCKS-N1-B-9SRT1A	NICKEL	NONE	.140
1532258-8	M83513/13-A02NP	MCKS-N1-P-9SRT1A	NICKEL	JACKPOSTS	.140
1532258-9	M83513/13-A03CN	MCKS-C2-B-9SRT1B	CADMIUM	NONE	.172
1-1532258-0	M83513/13-A03CP	MCKS-C2-P-9SRT1B	CADMIUM	JACKPOSTS	.172
1-1532258-1	M83513/13-A03NN	MCKS-N1-B-9SRT1B	NICKEL	NONE	.172
1-1532258-2	M83513/13-A03NP	MCKS-N1-P-9SRT1B	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)  
 INTERFACIAL SEAL: FLUOROSILICONE PER SAE-AMS-R-25988  
 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.


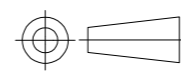
$\triangle 4$  CONNECTOR SHALL BE MARKED IN ACCORDANCE WITH METHOD I OF MIL-STD-1285. MARKING SHALL CONTAIN THE MILITARY PIN, CAGE CODE (OR TE), AND DATE CODE. EXAMPLE: M83513/13-A0XXX TE YYWW (WHERE XXX IS PART OF THE PIN SHOWN IN THE "MIL-DTL-83513 PIN" COLUMN OF THE PART NUMBER TABLE, AND YYWW IS THE DATE CODE). FOR THE SIZE 9 RECEPTACLE, THE MARKING MUST BE PRINTED ON BOTH SIDES OF 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)

$\triangle 7$  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.		DWN C SCHOLL 2 JUL 12	 TE Connectivity	
DIMENSIONS: INCHES		CHK - APVD M STORRY 2 JUL 12		
		NAME RECEPTACLE ASSEMBLY, MCKS, RT1 RIGHT ANGLE, PCB MOUNT, 2 ROW, SIZE 9, PER MIL-DTL-83513/13		RESTRICTED TO
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		SIZE
0 PLC $\pm$ -		APPLICATION SPEC		CAGE CODE
1 PLC $\pm$ -		-		DRAWING NO
2 PLC $\pm$ .010		-		98278
3 PLC $\pm$ .005		-		1532258
4 PLC $\pm$ -		-		SCALE
ANGLES $\pm$ 1°		WEIGHT		4:1
MATERIAL		CUSTOMER DRAWING		SHEET
SEE NOTES		-		2 of 2
FINISH		-		REV
SEE NOTES		-		A

1532258