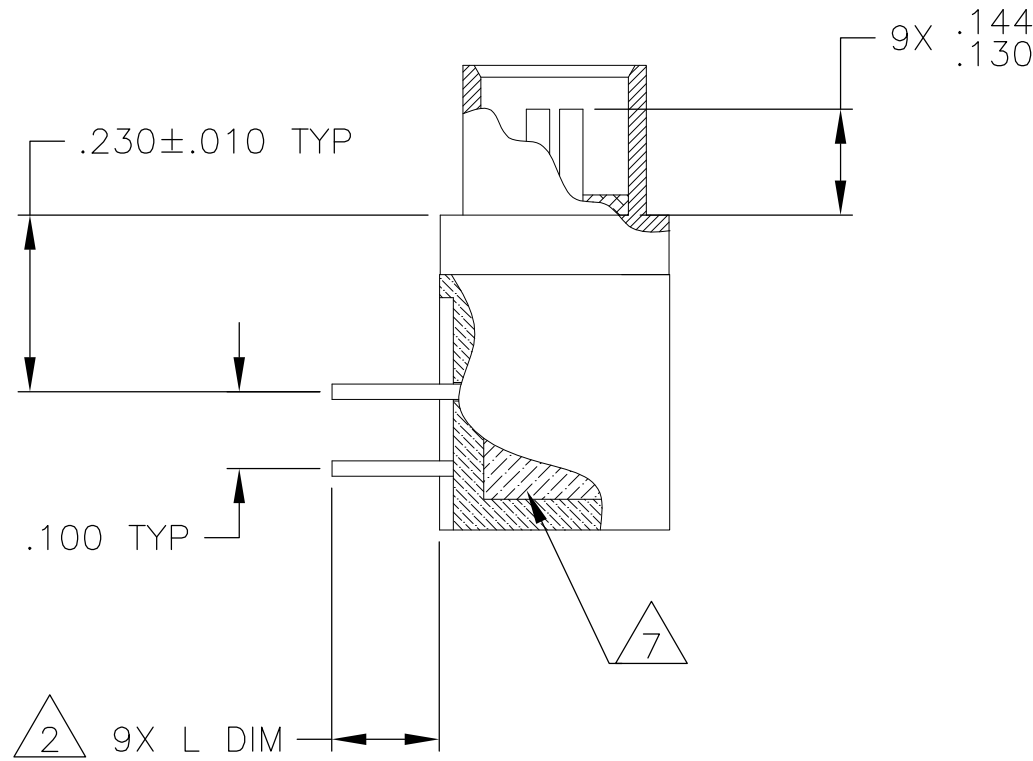
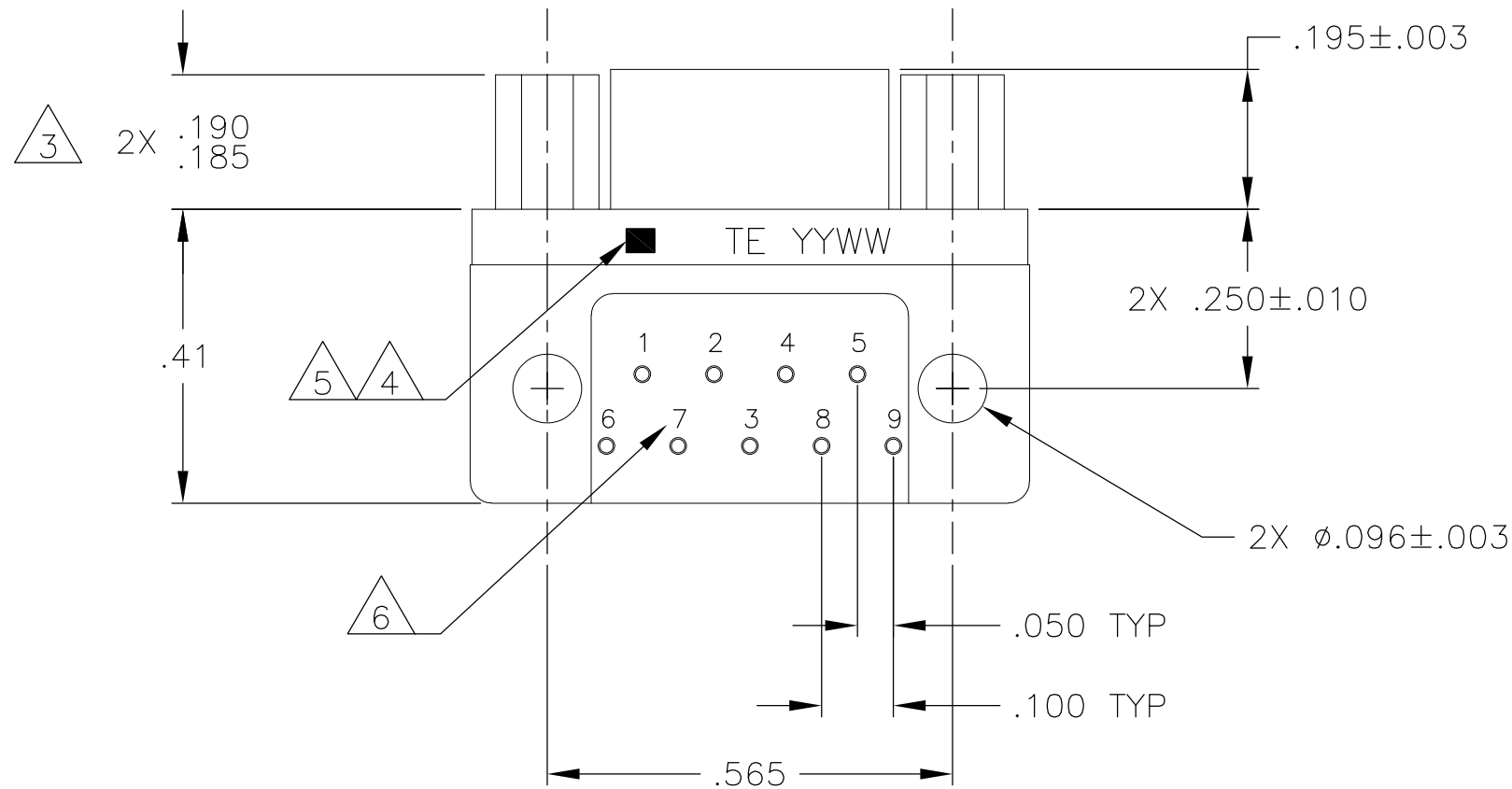
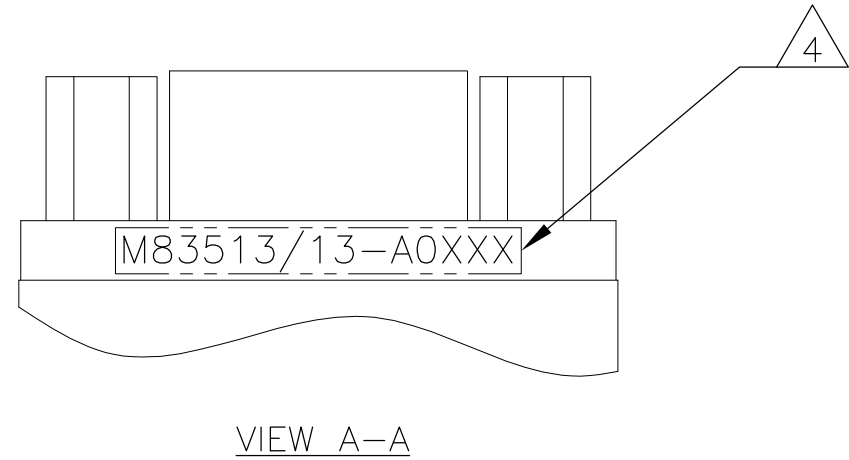
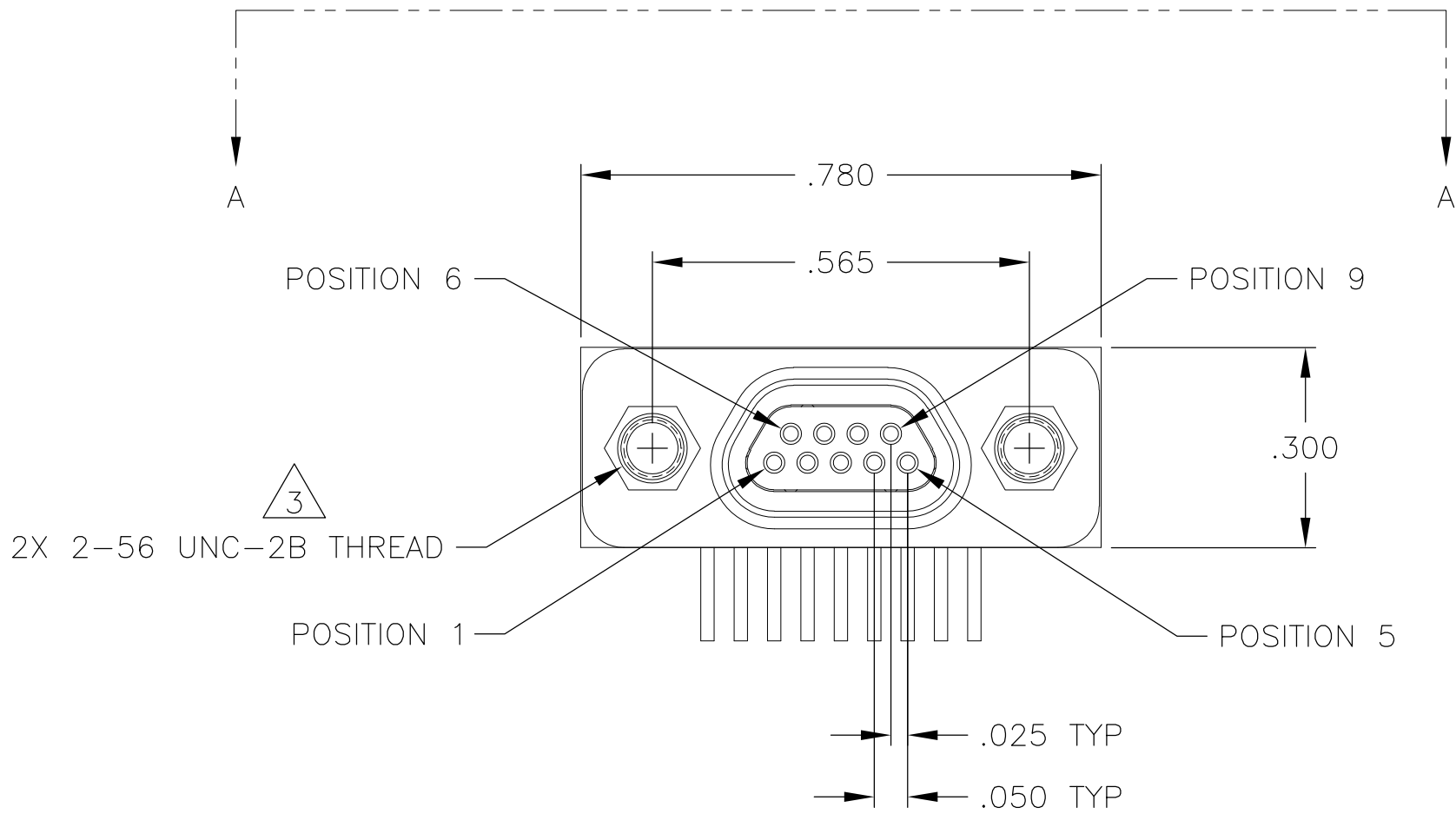




LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN APVD
-	-		A	INITIAL RELEASE	2 JUL 12	CAS MKS



SEE SHEET 2 FOR NOTES

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		CHK —		—													
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M STORRY		2 JUL 12		NAME  RECEPTACLE ASSEMBLY, MCKS, RT1 RIGHT ANGLE, PCB MOUNT, 2 ROW, SIZE 9, PER MIL-DTL-83513/13									
		0 PLC ± —		PRODUCT SPEC		—											
		1 PLC ± —		—		—											
		2 PLC ± .010		APPLICATION SPEC		—		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO			
		3 PLC ± .005		—		—		A2		98278		C=1532258		—			
MATERIAL		FINISH		WEIGHT		—											
SEE NOTES		SEE NOTES		CUSTOMER DRAWING													
				SCALE 4:1 SHEET 1 of 2 REV A													

4

3

2

1

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LOC

DIST

REVISIONS

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LTR

DESCRIPTION

DATE

DWN

APVD

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SEE SHEET 1

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TE PART NUMBER	MIL-DTL-83513 PIN	MCKS DESCRIPTION	SHELL FINISH <div>1</div>	HARDWARE <div>3</div>	L DIM±.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

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

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 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.

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.

6

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

7

EPOXY ENCAPSULATION

8

ALL REQUIREMENTS CONFORM TO MIL-DTL-83513/13. SEE MIL-SPEC FOR DETAILED INTERFACE DIMENSIONS AND SUGGESTED PCB LAYOUTS

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DIMENSIONS:  
INCHES

MATERIAL

SEE NOTES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± .010

3 PLC ± .005

4 PLC ± -

ANGLES ± 1°

FINISH

SEE NOTES

DWN  
C SCHOLL  
CHK  
-  
APVD  
M STORRY  
PRODUCT SPEC  
APPLICATION SPEC  
-  
WEIGHT  
-  
CUSTOMER DRAWING

2 JUL 12  
2 JUL 12

TE Connectivity

RECEPTACLE ASSEMBLY, MCKS, RT1 RIGHT  
ANGLE, PCB MOUNT, 2 ROW,  
SIZE 9, PER MIL-DTL-83513/13

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A2

98278

©

1532258

-

SCALE

4:1

SHEET

2 of 2

REV

A

1532258

B

A

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