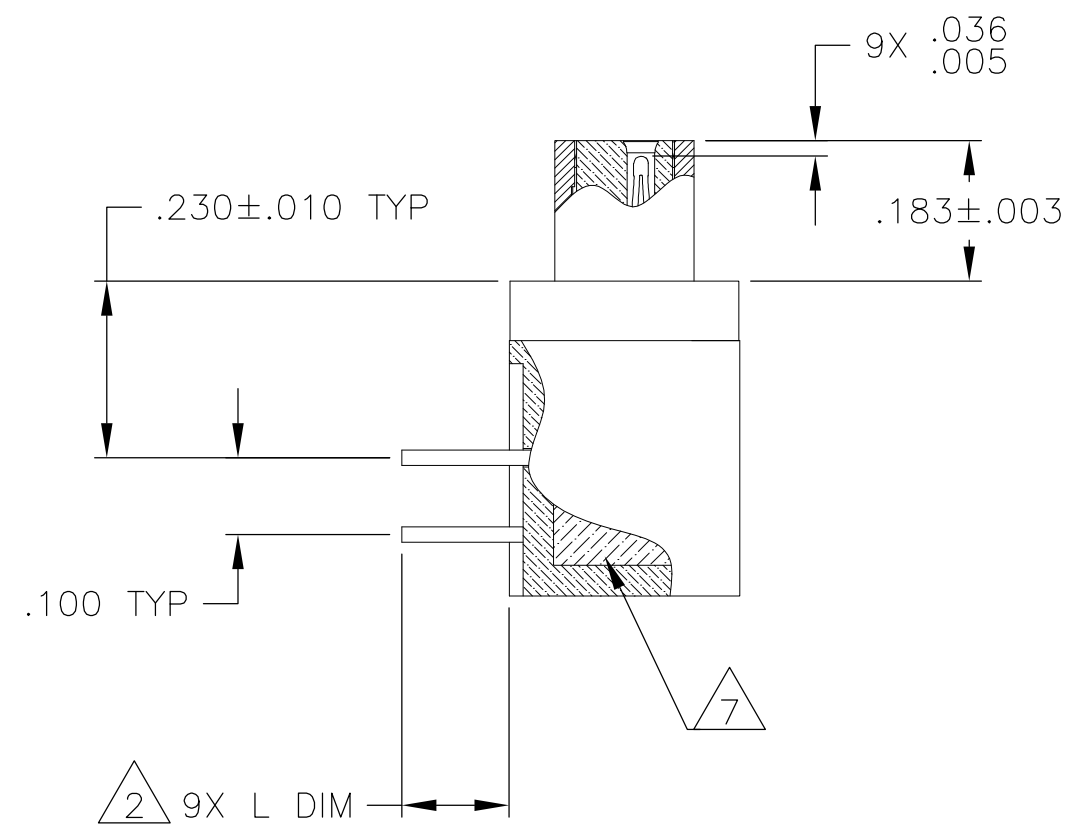
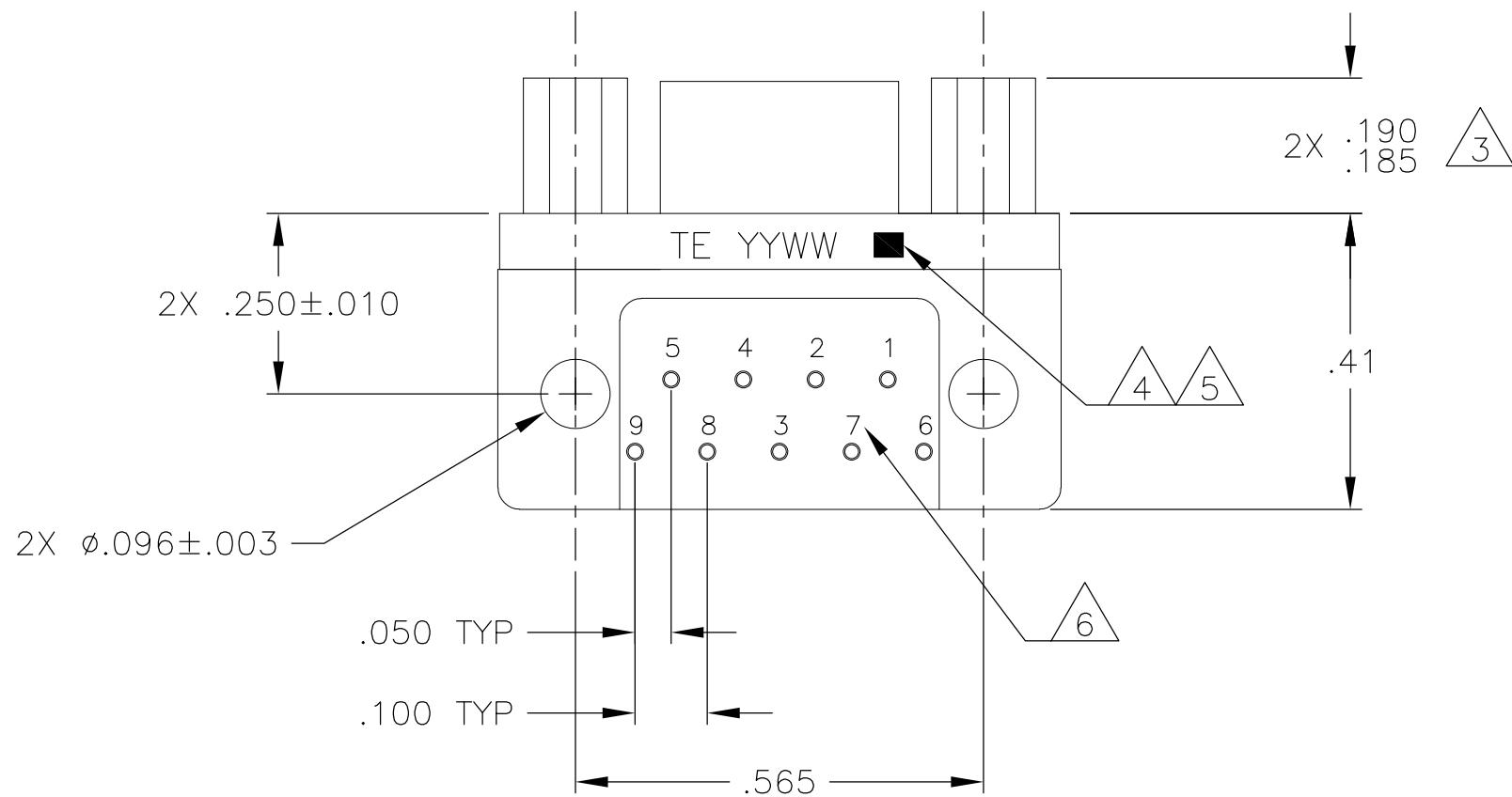
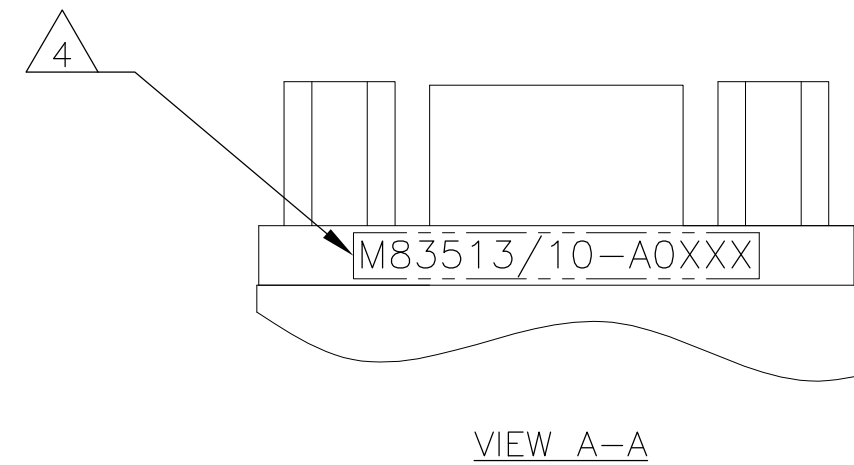
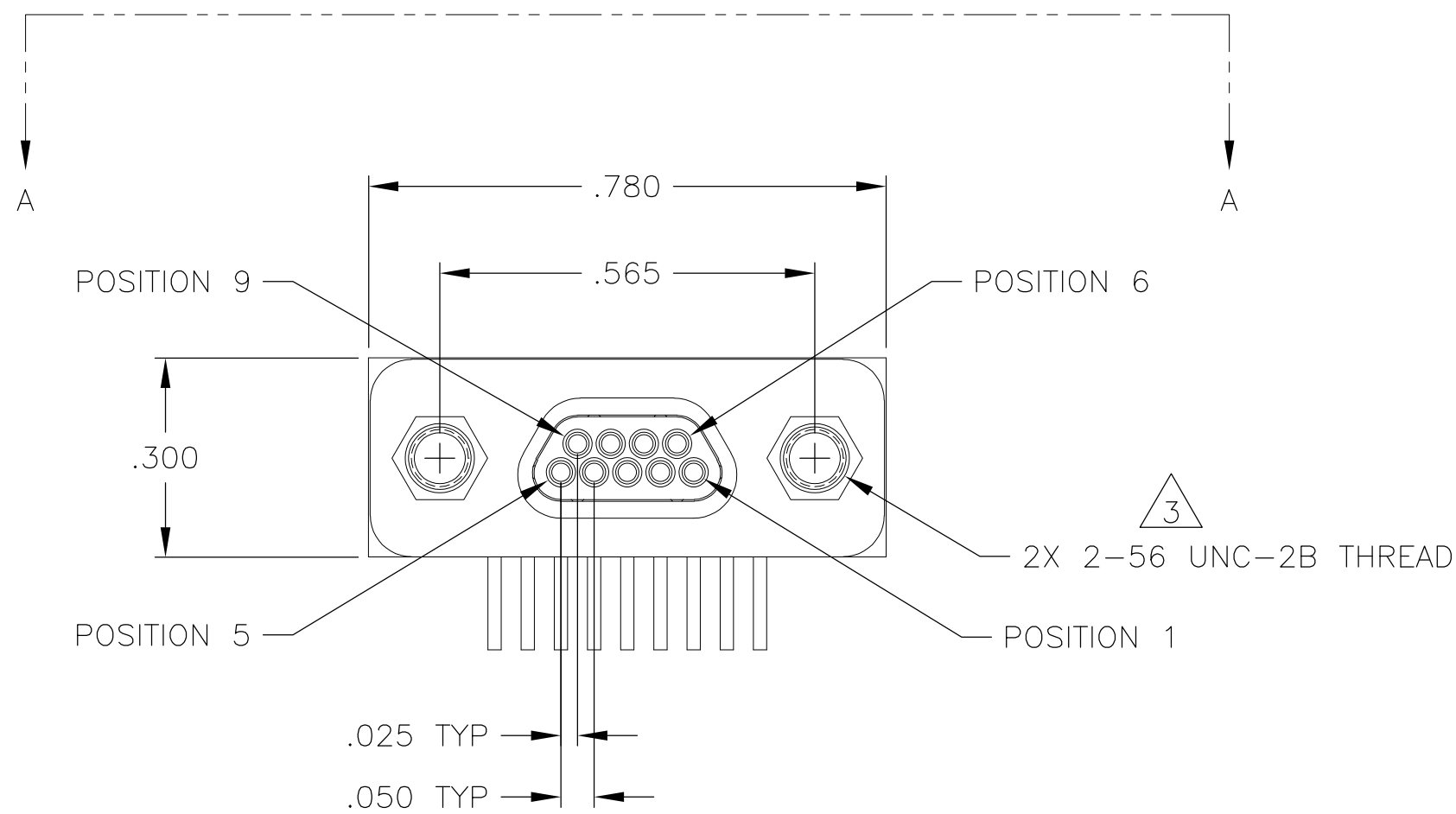


D

C

B

A



JACKPOSTS OMITTED
FOR CLARITY

SEE SHEET 2 FOR NOTES

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C SCHOLL 2 JUL 12	TE Connectivity			
DIMENSIONS: INCHES		CHK — APVD M STORRY 2 JUL 12				
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± .010 3 PLC ± .005 4 PLC ± - ANGLES ± 1°		NAME PLUG ASSEMBLY, MCKS, RT1 RIGHT ANGLE, PCB MOUNT, 2 ROW, SIZE 9, PER MIL-DTL-83513/10				
MATERIAL SEE NOTES		FINISH SEE NOTES	SIZE A2	CAGE CODE 98278	DRAWING NO C=1532250	RESTRICTED TO —
CUSTOMER DRAWING			SCALE 4:1	SHEET 1 of 2	REV A	

1532250

A

4

3

2

1

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RELEASED FOR PUBLICATION

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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

-

-

SEE SHEET 1

-

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-

TE PART NUMBER	MIL-DTL-83513 PIN	MCKS DESCRIPTION	SHELL FINISH 	HARDWARE 	L DIM±.015
1532250-1	M83513/10-A01CN	MCKS-C2-B-9PRT1	CADMIUM	NONE	.109
1532250-2	M83513/10-A01CP	MCKS-C2-P-9PRT1	CADMIUM	JACKPOSTS	.109
1532250-3	M83513/10-A01NN	MCKS-N1-B-9PRT1	NICKEL	NONE	.109
1532250-4	M83513/10-A01NP	MCKS-N1-P-9PRT1	NICKEL	JACKPOSTS	.109
1532250-5	M83513/10-A02CN	MCKS-C2-B-9PRT1A	CADMIUM	NONE	.140
1532250-6	M83513/10-A02CP	MCKS-C2-P-9PRT1A	CADMIUM	JACKPOSTS	.140
1532250-7	M83513/10-A02NN	MCKS-N1-B-9PRT1A	NICKEL	NONE	.140
1532250-8	M83513/10-A02NP	MCKS-N1-P-9PRT1A	NICKEL	JACKPOSTS	.140
1532250-9	M83513/10-A03CN	MCKS-C2-B-9PRT1B	CADMIUM	NONE	.172
1-1532250-0	M83513/10-A03CP	MCKS-C2-P-9PRT1B	CADMIUM	JACKPOSTS	.172
1-1532250-1	M83513/10-A03NN	MCKS-N1-B-9PRT1B	NICKEL	NONE	.172
1-1532250-2	M83513/10-A03NP	MCKS-N1-P-9PRT1B	NICKEL	JACKPOSTS	.172



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



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 I OF MIL-STD-1285. MARKING SHALL CONTAIN THE MILITARY PIN, CAGE CODE (OR TE), AND DATE CODE. EXAMPLE: M83513/10-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 PLUG, THE MARKING MUST BE PRINTED ON BOTH SIDES OF 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 MARKING INFORMATION.



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



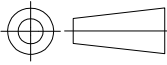
EPOXY ENCAPSULATION

8

ALL REQUIREMENTS CONFORM TO MIL-DTL-83513/10. SEE MIL-SPEC FOR DETAILED INTERFACE DIMENSIONS AND SUGGESTED PCB LAYOUTS

THIS DRAWING IS A CONTROLLED DOCUMENT.

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

NAME
PLUG ASSEMBLY, MCKS, RT1 RIGHT
ANGLE, PCB MOUNT, 2 ROW,
SIZE 9, PER MIL-DTL-83513/10

SIZE
A2
CAGE CODE
98278
DRAWING NO
C=1532250
RESTRICTED TO
-

SCALE
4:1
SHEET
2 of 2
REV
A

1532250

1532250

1532250

1532250

1471-9 (3/11)

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