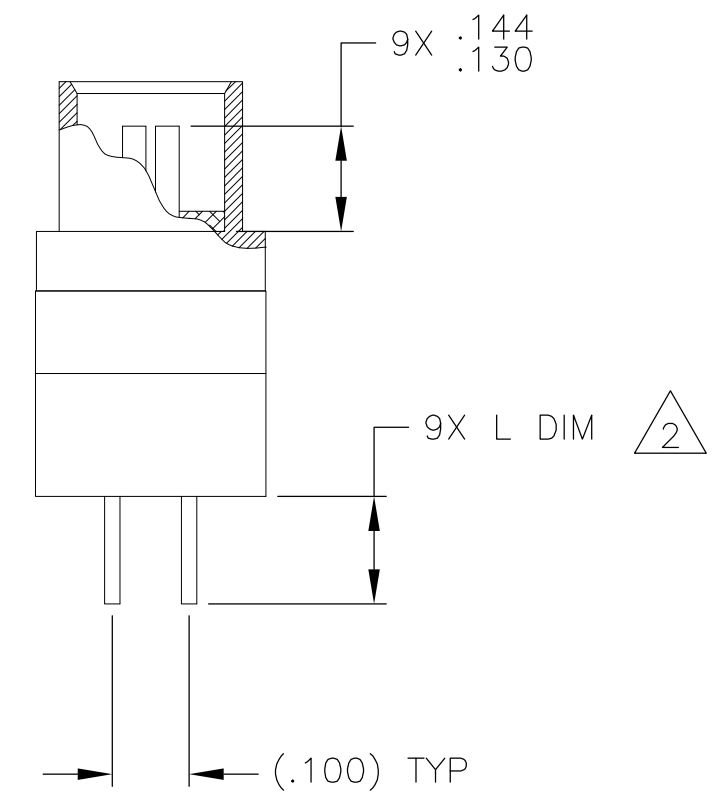
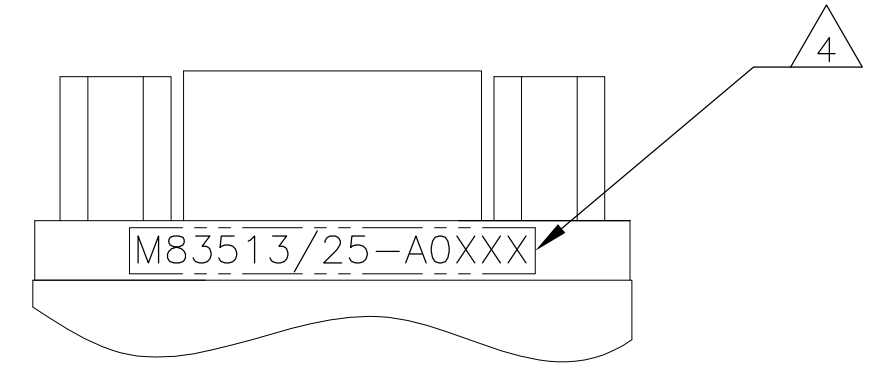
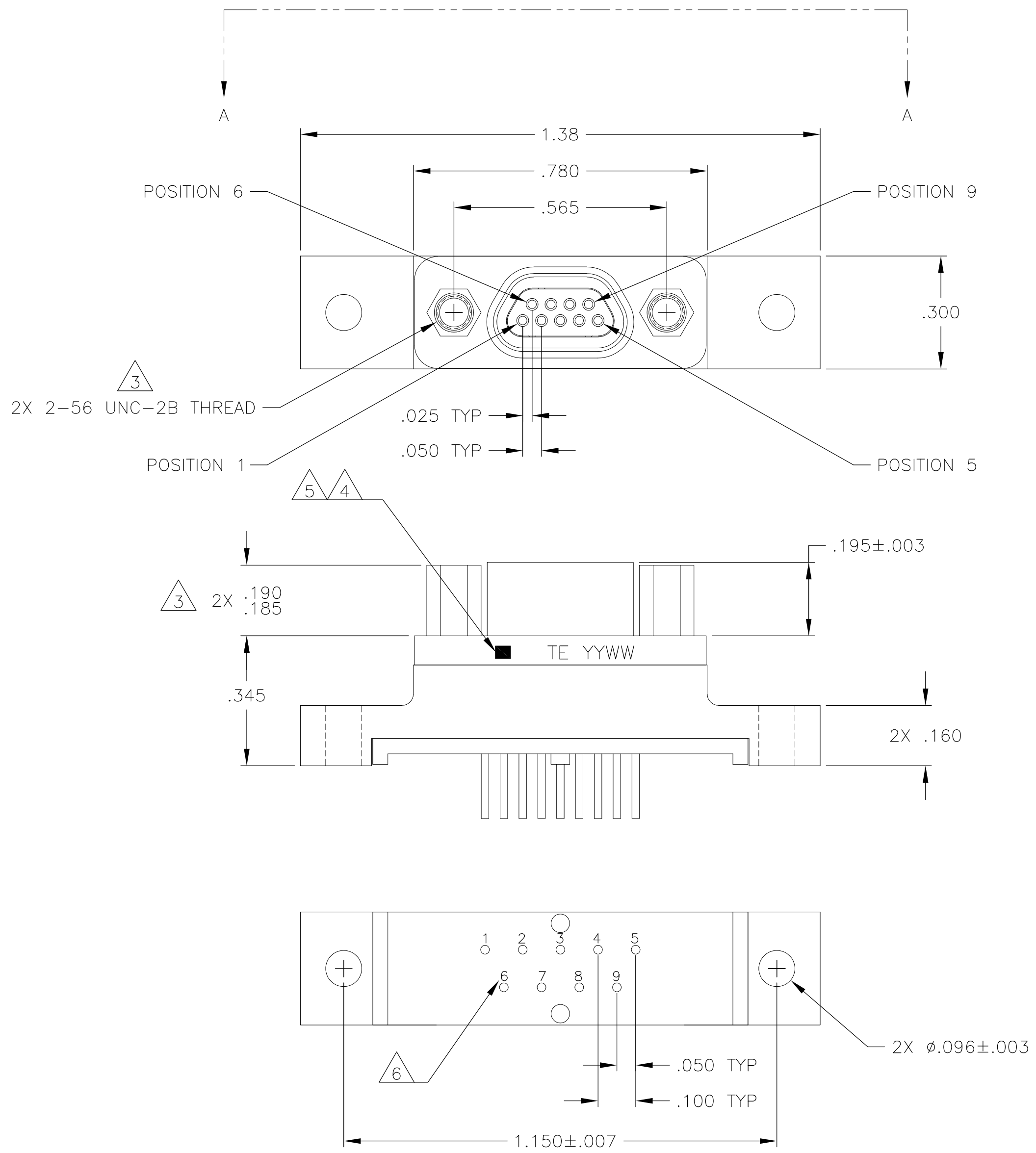


D

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 —		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M STORRY 2 JUL 12	NAME RECEPTACLE ASSEMBLY, MCKS, ST1 STRAIGHT TERMINATION, PCB MOUNT, 2 ROW, SIZE 9, PER MIL-DTL-83513/25	
0 PLC ± - 1 PLC ± - 2 PLC ± .010 3 PLC ± .005 4 PLC ± - ANGLES ± 1°		PRODUCT SPEC — APPLICATION SPEC —	SIZE A2	CAGE CODE 98278
MATERIAL SEE NOTES		FINISH SEE NOTES	DRAWING NO C=1532274	RESTRICTED TO —
CUSTOMER DRAWING			SCALE 4:1	SHEET 1 OF 2
			REV A	

1532274

A

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

© COPYRIGHT - By -

ALL RIGHTS RESERVED.

LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

-

SEE SHEET 1

-

-

-

TE PART NUMBER	MIL-DTL-83513 PIN	MCKS DESCRIPTION	SHELL FINISH 1	HARDWARE 3	L DIM±.015
1532274-1	M83513/25-A01CN	MCKS-C2-B-9SST1	CADMIUM	NONE	.109
1532274-2	M83513/25-A01CP	MCKS-C2-P-9SST1	CADMIUM	JACKPOSTS	.109
1532274-3	M83513/25-A01NN	MCKS-N1-B-9SST1	NICKEL	NONE	.109
1532274-4	M83513/25-A01NP	MCKS-N1-P-9SST1	NICKEL	JACKPOSTS	.109
1532274-5	M83513/25-A02CN	MCKS-C2-B-9SST1A	CADMIUM	NONE	.140
1532274-6	M83513/25-A02CP	MCKS-C2-P-9SST1A	CADMIUM	JACKPOSTS	.140
1532274-7	M83513/25-A02NN	MCKS-N1-B-9SST1A	NICKEL	NONE	.140
1532274-8	M83513/25-A02NP	MCKS-N1-P-9SST1A	NICKEL	JACKPOSTS	.140
1532274-9	M83513/25-A03CN	MCKS-C2-B-9SST1B	CADMIUM	NONE	.172
1-1532274-0	M83513/25-A03CP	MCKS-C2-P-9SST1B	CADMIUM	JACKPOSTS	.172
1-1532274-1	M83513/25-A03NN	MCKS-N1-B-9SST1B	NICKEL	NONE	.172
1-1532274-2	M83513/25-A03NP	MCKS-N1-P-9SST1B	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)
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: M83513/25-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

ALL REQUIREMENTS CONFORM TO MIL-DTL-83513/25. 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

NAME
RECEPTACLE ASSEMBLY, MCKS, ST1 STRAIGHT
TERMINATION, PCB MOUNT, 2 ROW,
SIZE 9, PER MIL-DTL-83513/25

SIZE
A2

CAGE CODE
98278

DRAWING NO
C=1532274

RESTRICTED TO
-

SCALE
4:1

SHEET
2 of 2

REV
A

1532274

1471-9 (3/11)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[M83513/25-A01NN](#) [M83513/25-A02CP](#) [M83513/25-A02NP](#) [M83513/25-A01NP](#) [M83513/25-A01CP](#) [M83513/25-A02CN](#)