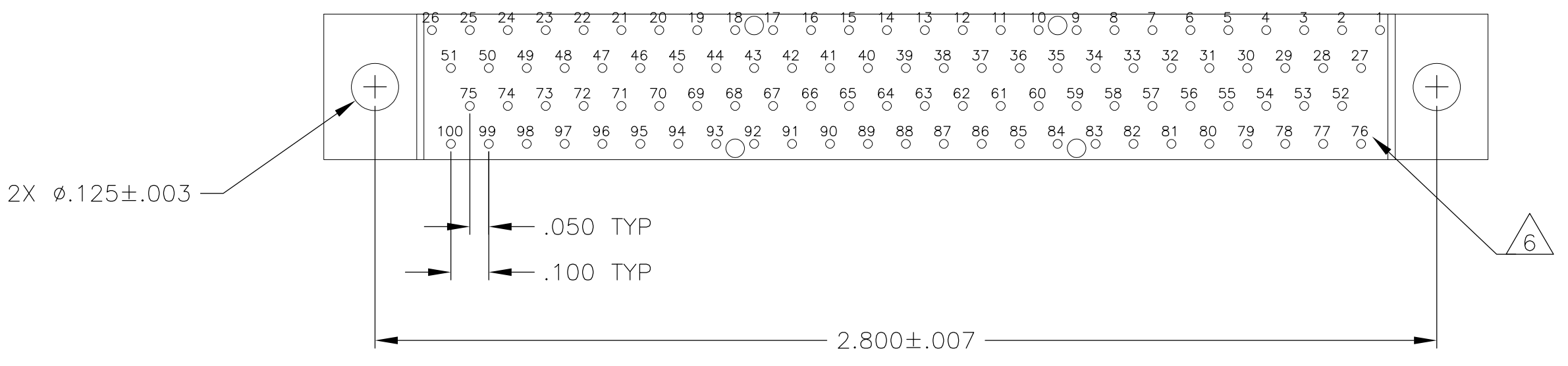
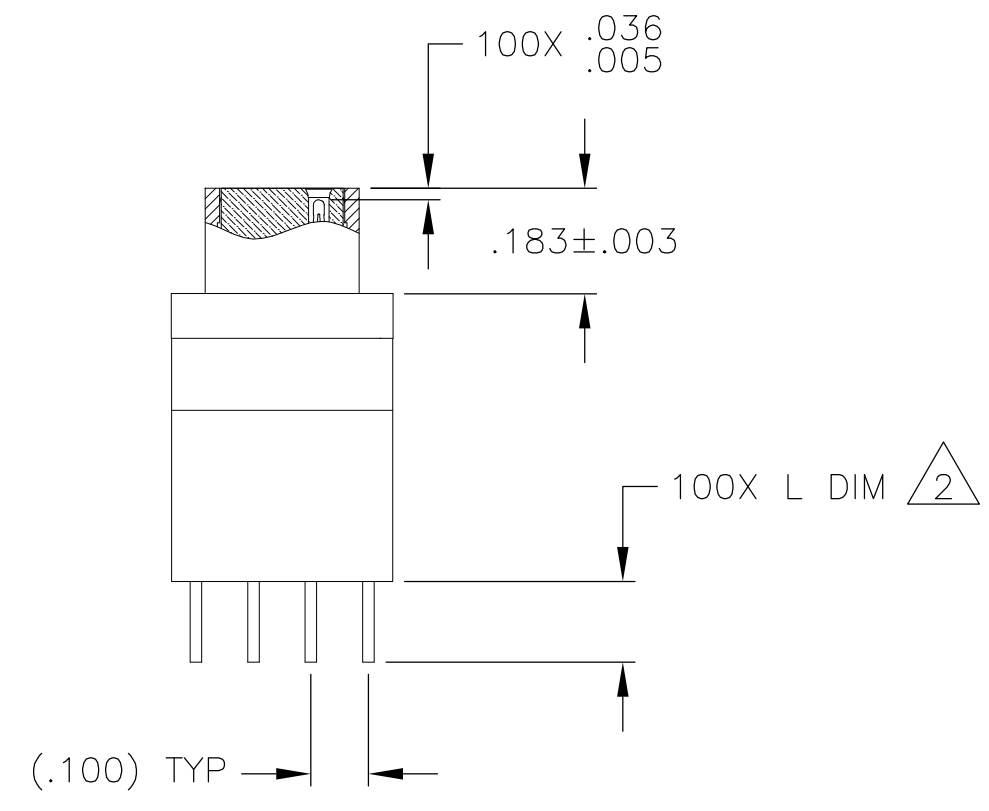
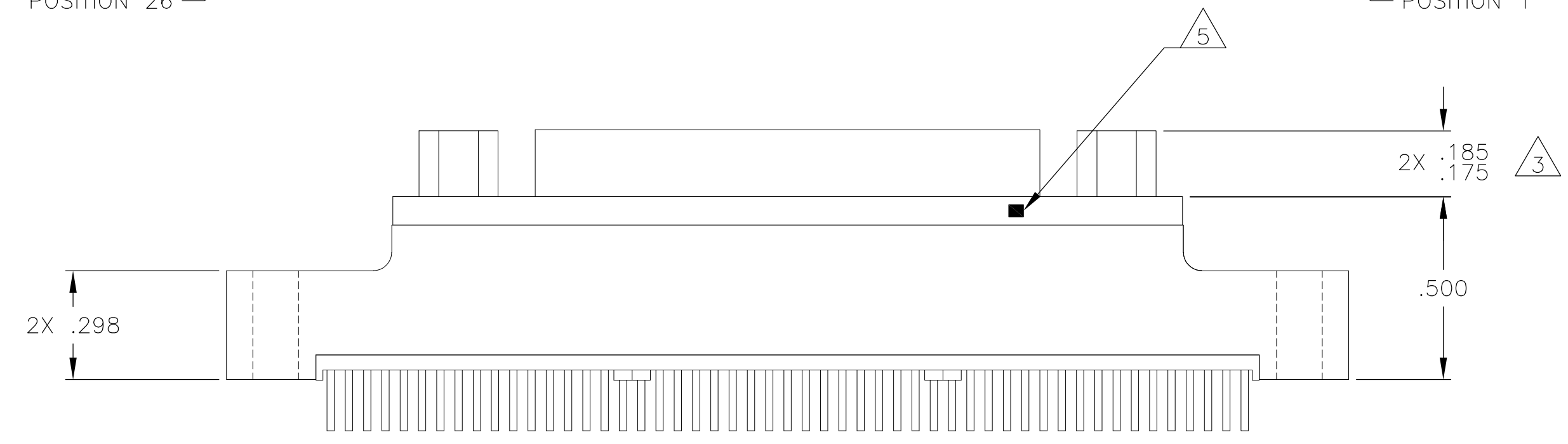
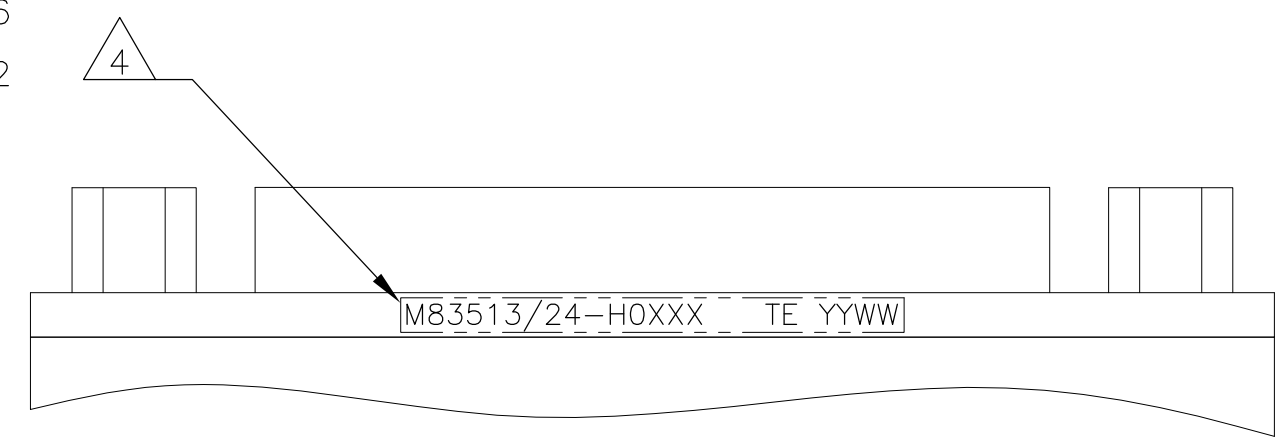
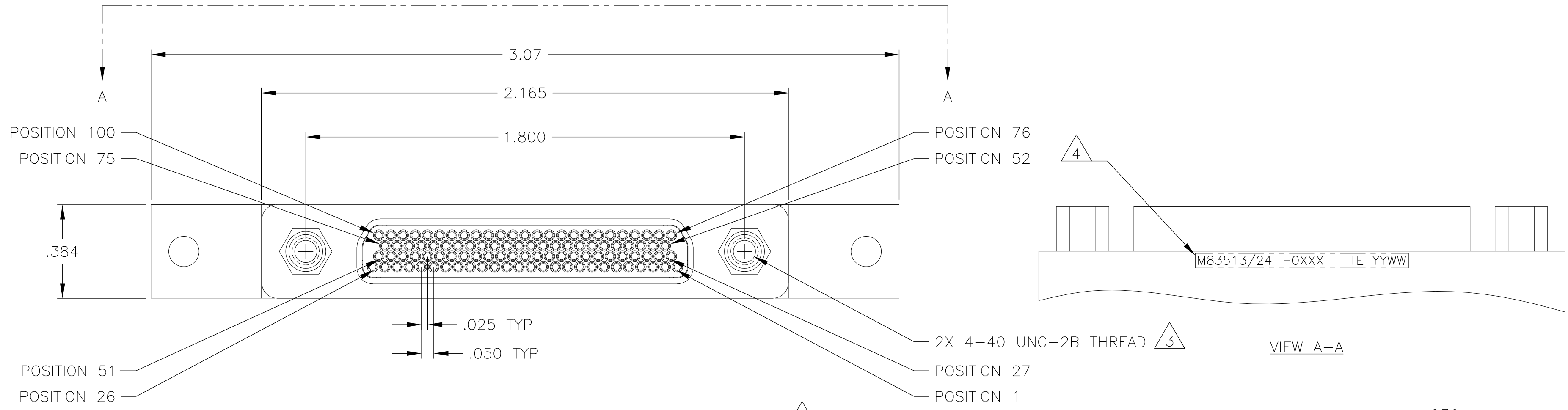




JACKPOSTS OMITTED FOR CLARITY

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	
		0 PLC ± — 1 PLC ± — 2 PLC ± .010 3 PLC ± .005 4 PLC ± — ANGLES ± 1°		PRODUCT SPEC		APPLICATION SPEC	
MATERIAL SEE NOTES		FINISH SEE NOTES		WEIGHT —		SIZE A2	
CUSTOMER DRAWING				SCALE 3:1		SHEET 1 OF 2	
				REV A		RESTRICTED TO —	

1532273

1532273

4

3

2

1

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LOC

DIST

REVISIONS

P

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 	HARDWARE 	L DIM±.015
1532273-1	M83513/24-H01CN	MCKS-C2-B-100PST1	CADMIUM	NONE	.109
1532273-2	M83513/24-H01CP	MCKS-C2-S-100PST1	CADMIUM	JACKPOSTS	.109
1532273-3	M83513/24-H01NN	MCKS-N1-B-100PST1	NICKEL	NONE	.109
1532273-4	M83513/24-H01NP	MCKS-N1-S-100PST1	NICKEL	JACKPOSTS	.109
1532273-5	M83513/24-H02CN	MCKS-C2-B-100PST1A	CADMIUM	NONE	.140
1532273-6	M83513/24-H02CP	MCKS-C2-S-100PST1A	CADMIUM	JACKPOSTS	.140
1532273-7	M83513/24-H02NN	MCKS-N1-B-100PST1A	NICKEL	NONE	.140
1532273-8	M83513/24-H02NP	MCKS-N1-S-100PST1A	NICKEL	JACKPOSTS	.140
1532273-9	M83513/24-H03CN	MCKS-C2-B-100PST1B	CADMIUM	NONE	.172
1-1532273-0	M83513/24-H03CP	MCKS-C2-S-100PST1B	CADMIUM	JACKPOSTS	.172
1-1532273-1	M83513/24-H03NN	MCKS-N1-B-100PST1B	NICKEL	NONE	.172
1-1532273-2	M83513/24-H03NP	MCKS-N1-S-100PST1B	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: M83513/24-HOXXX 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.



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.



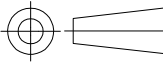
7

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

ALL REQUIREMENTS CONFORM TO MIL-DTL-83513/24. 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

SCALE
3:1

TE Connectivity

NAME
PLUG ASSEMBLY, MCKS, ST1 STRAIGHT
TERMINATION, PCB MOUNT, 4 ROW,
SIZE 100, PER MIL-DTL-83513/24

SIZE
A2

CAGE CODE
98278

DRAWING NO
C=1532273

RESTRICTED TO
-

SHEET
2 of 2

REV
A

1532273

1471-9 (3/11)

Mouser Electronics

Authorized Distributor

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[M83513/24-H01CN](#)