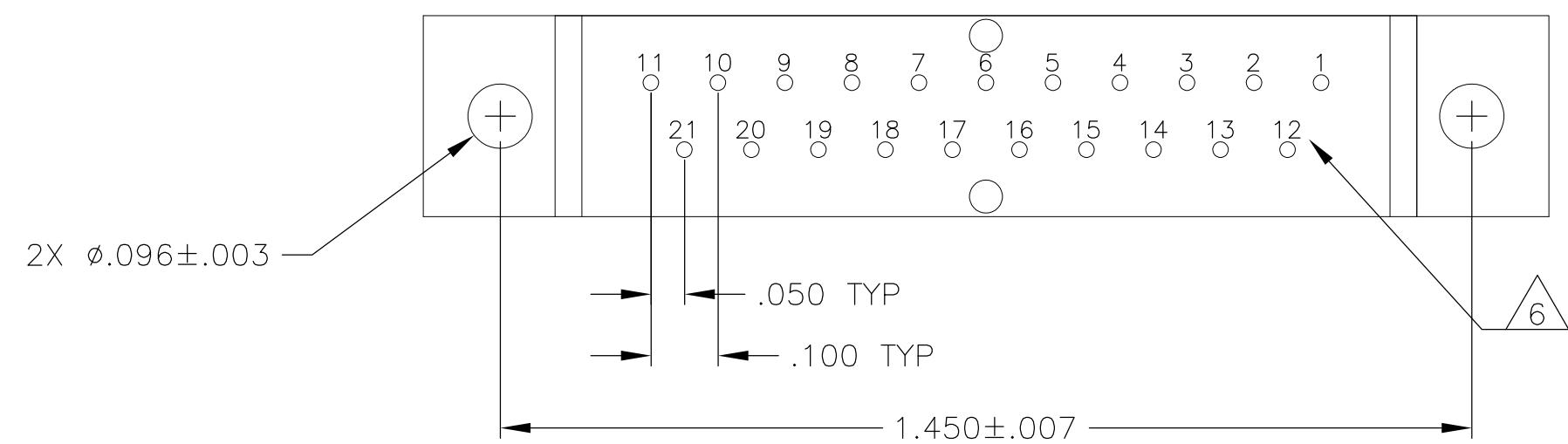
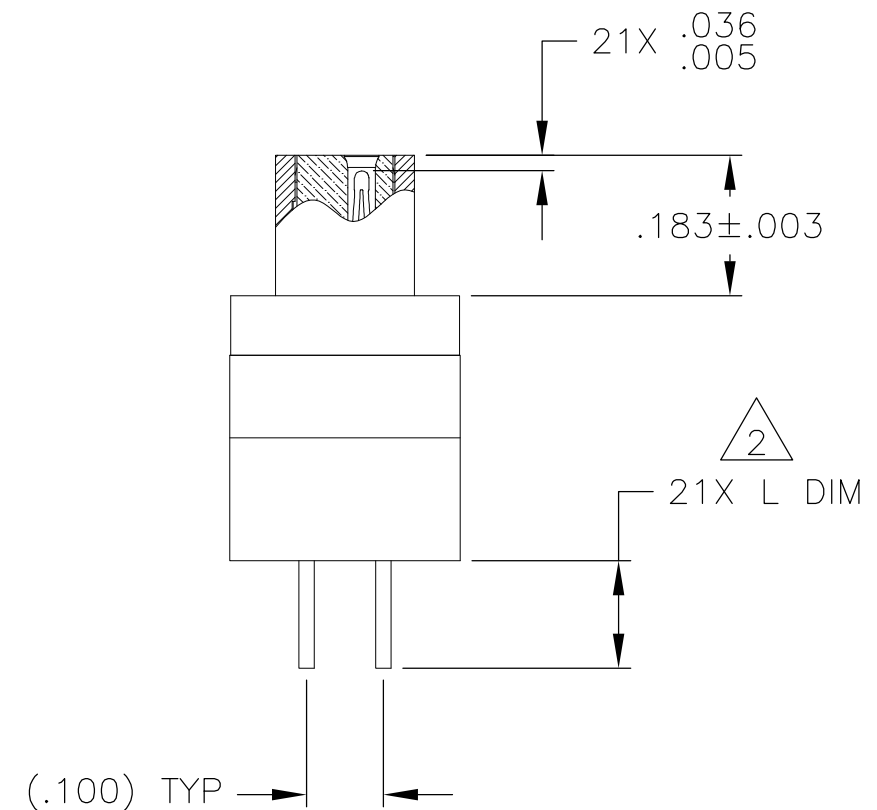
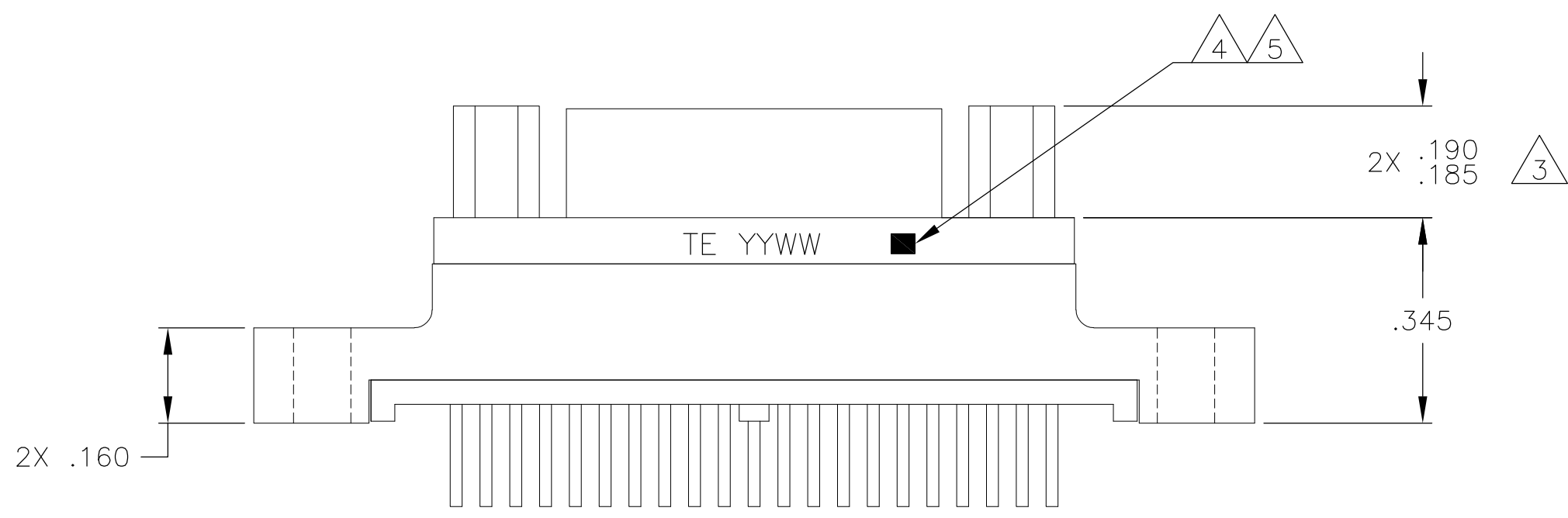
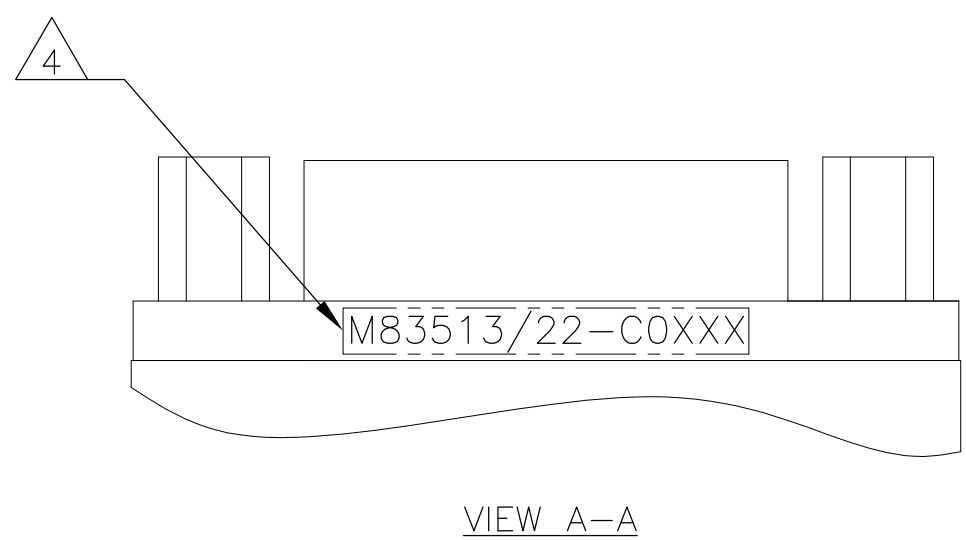
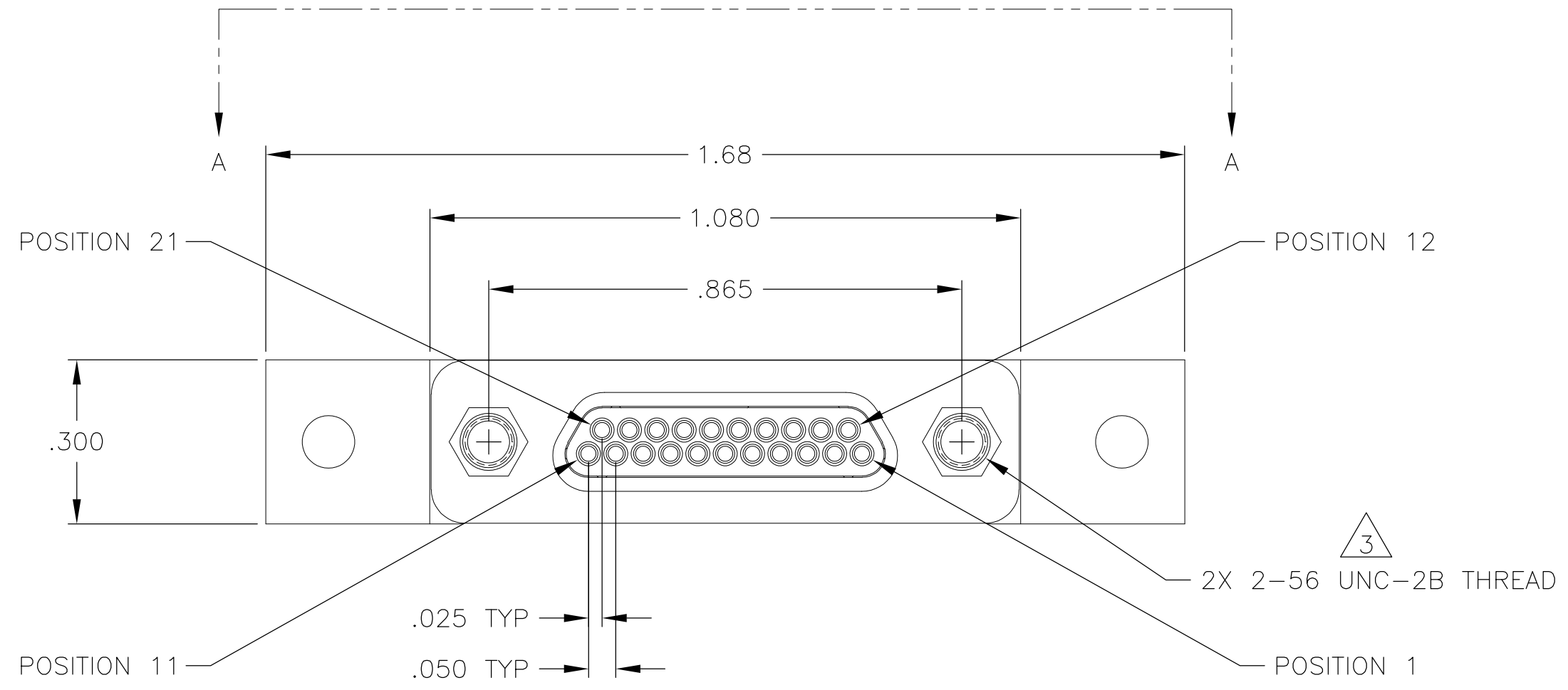




JACKPOSTS OMITTED
FOR CLARITY

SEE SHEET 2 FOR NOTES

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C SCHOLL 2 JUL 12	TE Connectivity	
DIMENSIONS: INCHES		CHK —	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M STORRY 2 JUL 12	PRODUCT SPEC	
0 PLC ± -		APPLICATION SPEC		
1 PLC ± -		WEIGHT		
2 PLC ± .010		CUSTOMER DRAWING		
3 PLC ± .005		SCALE 4:1		
4 PLC ± -		SHEET 1 of 2		
ANGLES ± 1°		REV A		
FINISH		RESTRICTED TO		
SEE NOTES		—		

SIZE A2	CAGE CODE 98278	DRAWING NO C=1532268	RESTRICTED TO —
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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
1532268-1	M83513/22-C01CN	MCKS-C2-B-21PST1	CADMIUM	NONE	.109
1532268-2	M83513/22-C01CP	MCKS-C2-P-21PST1	CADMIUM	JACKPOSTS	.109
1532268-3	M83513/22-C01NN	MCKS-N1-B-21PST1	NICKEL	NONE	.109
1532268-4	M83513/22-C01NP	MCKS-N1-P-21PST1	NICKEL	JACKPOSTS	.109
1532268-5	M83513/22-C02CN	MCKS-C2-B-21PST1A	CADMIUM	NONE	.140
1532268-6	M83513/22-C02CP	MCKS-C2-P-21PST1A	CADMIUM	JACKPOSTS	.140
1532268-7	M83513/22-C02NN	MCKS-N1-B-21PST1A	NICKEL	NONE	.140
1532268-8	M83513/22-C02NP	MCKS-N1-P-21PST1A	NICKEL	JACKPOSTS	.140
1532268-9	M83513/22-C03CN	MCKS-C2-B-21PST1B	CADMIUM	NONE	.172
1-1532268-0	M83513/22-C03CP	MCKS-C2-P-21PST1B	CADMIUM	JACKPOSTS	.172
1-1532268-1	M83513/22-C03NN	MCKS-N1-B-21PST1B	NICKEL	NONE	.172
1-1532268-2	M83513/22-C03NP	MCKS-N1-P-21PST1B	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: M83513/22-C0XXX 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 21 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)

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ALL REQUIREMENTS CONFORM TO MIL-DTL-83513/22. 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, ST1 STRAIGHT
TERMINATION, PCB MOUNT, 2 ROW,
SIZE 21, PER MIL-DTL-83513/22

SIZE
A2
CAGE CODE
98278
DRAWING NO
C=1532268
SCALE
4:1
SHEET
2 of 2
REV
A

RESTRICTED TO
-

1532268

1532268

1532268

1532268

1471-9

(3/11)

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