

.100" X .100" FOR .050" PITCH CABLE, (OPTIONAL PLASTIC OR METAL STRAIN RELIEF)



- OPTIONAL METAL
STRAIN RELIEF

OPTIONAL —
CENTER BUMP

- 2 PHYSICAL :

2 ELECTRICAL :

	1 LINE	6 ADJACENT LINES	ALL LINES
28 AWG	4.50	1.75	1.00
26 AWG	4.75	2.00	1.00

INSULATION RESISTANCE: $>1 \times 10^9 \Omega$ AT 500 V_{DC}
WITHSTANDING VOLTAGE: 1,000V_{RMS} AT SEA LEVEL

2 ENVIRONMENTAL :

TEMPERATURE RATING: -55° C TO +105°

$$\begin{array}{cccc} \times & \times & \times & \times \\ \hline \end{array} - \begin{array}{cccc} \times & \times & \times & \times \\ \hline \end{array}$$

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STRAIN RELIEF:
00 = NO STRAIN RELIEF
XX = CONTACT QUANTITY FOR
    PLASTIC STRAIN RELIEF
    10 THRU 60 POSITION
    (I.E. 50 FOR A 50 POS)
05 = PLASTIC STRAIN RELIEF
    6 AND 8 POSITION
06 = METAL STRAIN RELIEF
    10 THRU 60 POSITION

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- POLARIZATION:
  0 = MILITARY (DUAL SLOT)
  6 = CENTER BUMP AND MILITARY
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3M ELECTRONICS MATERIALS SOLUTIONS DIVISION
INTERCONNECT SOLUTIONS
<http://www.3M.com/interconnect>

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cULus
UL FILE NO: E68080

3448 - X0XX

TYPE: _____
2 = METAL, LOW PROFILE
10 THRU 60 POSITION
(SEE NOTE 3)
3 = PLASTIC

- XX = CONTACT QUANTITY
SEE TABLE 1
(I.E. 50 FOR A
50 POSITION STRAIN
RELIEF)

ORDERING INFORMATION
KEYING PLUG
3435-0000

ORDERING INFORMATION
PULL TABS
3490-X

NOTE:
ASSEMBLY TOOLS:
3M PRESS (OR EQUIVALENT): 3640
3M LOCATOR PLATE: 3443-94
3M PLATTN: 3442-9

NOTES

1. REGULATORY INFORMATION:
VISIT 3M.com/regs

2 UNLESS OTHERWISE NOTED,
REFERENCES TO INDUSTRY
SPECIFICATIONS ARE INTENDED
TO INDICATE SUBSTANTIAL
COMPLIANCE TO THE MATERIAL
ELEMENTS OF THE SPECIFICATION.
SUCH REFERENCES SHOULD NOT BE
CONSTRUED AS A GUARANTEE OF
COMPLIANCE TO ALL REQUIREMENTS
IN A GIVEN SPECIFICATION.

3	THIS POLARIZING GROOVE IS NON-EXISTENT ON 3863, 3868, 3385 AND 3473 SERIES.
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4	THIS POLARIZING GROOVE IS NON-EXISTENT ON 3863 SERIES FOR POLARIZATION OPTION 6.
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5 THE LOW PROFILE STRAIN RELIEF CAN BE USED WITH THE 4600 SERIES PLUG AND .100 X .100 HEADERS WITH EJECTOR LATCHES. THE LATCHES WILL ONLY FUNCTION AS AN EJECTOR.

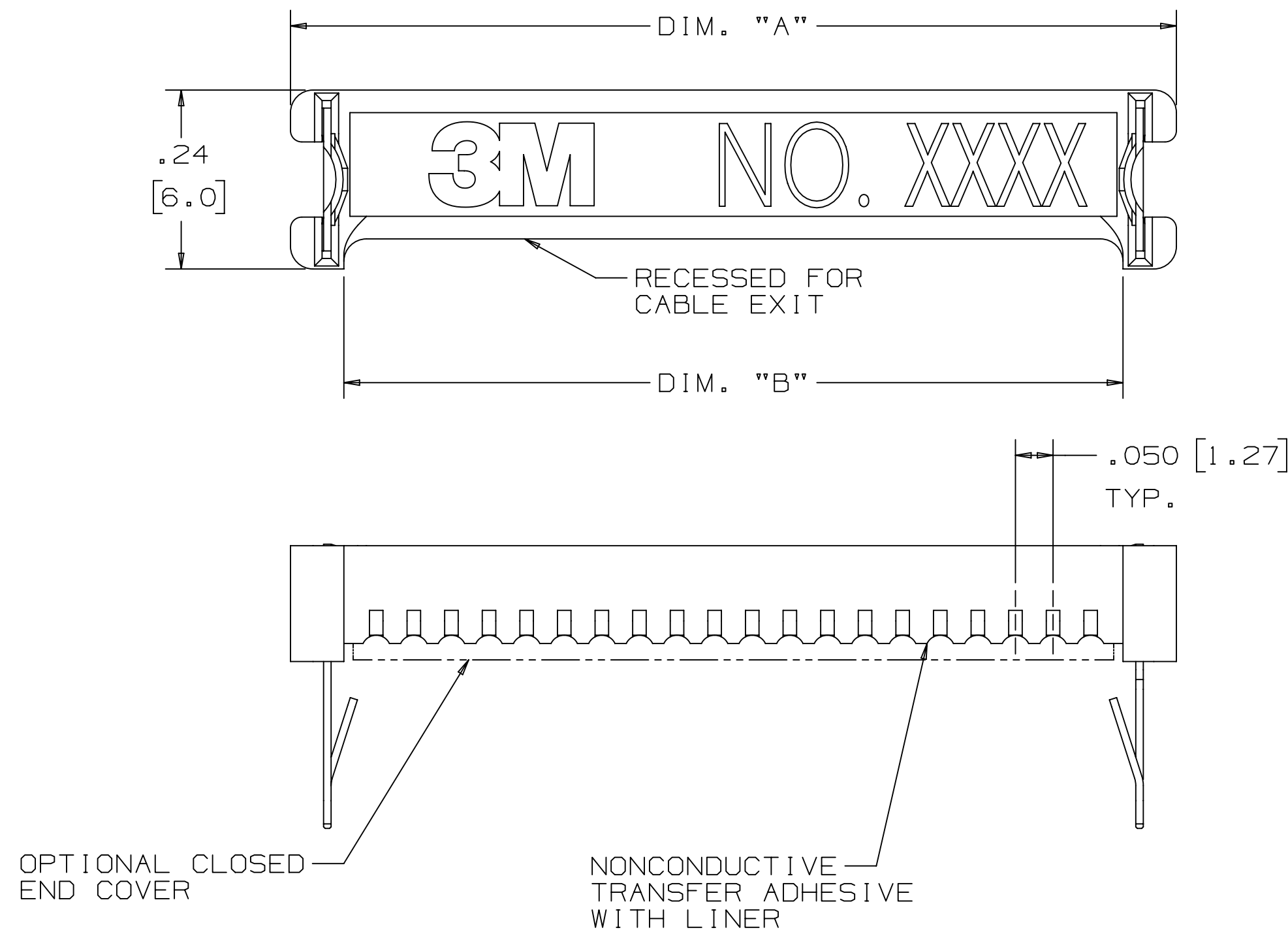
6 TAPERED PIN TIP CONFIGURATION
RECOMMENDED.

7 DIMENSION MEASURED AT TIP OF PINS.

DIMENSIONS: INCHES [MM]
[MM] IS REF. ONLY

DIMENSIONS: INCHES [MM] [] IS REF. ONLY			G 97305		JUN 21, 2021		JNC SAN	
DESIGN REFERENCE NEXT ASSEMBLY			REV ECO		REVISED AND REDRAWN		DRFT CHKD	
ACCESS CODES			REF CASTING LONE		MFG DATE JUN 21, 2021		DATE	
DIVISION			CHKD		DATE APRVL S. NEU		DATE JUN 22, 2021	
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THIRD ANGLE PROJECTION			INCHES .0 .1 .00 .01 .000 .005 .0000 .0002		TITLE WIREMOUNT SOCKET, .100" X .100" .050" PITCH CABLE CAGE NO. D 78-5100-0718-6			
INTERPRET PER ASME Y14.5 - 2018 MAX SURFACE ROUGHNESS ☒ ALL SURFACES ☐ MARKED ONLY			MILLIMETERS 0 .1 .00 .01 .000 .005 .0000 .0002					
MODEL 3000 SIZE 1 DATE JUN 21, 2021 LISTS ☐ YES ☒ NO SHT 1 OF 4			ANGLE ±					

3M™ WIREMOUNT SOCKET, 3000 SERIES
.100" X .100" FOR .050" PITCH CABLE, (OPTIONAL PLASTIC OR METAL STRAIN RELIEF)



COVER ASSEMBLY

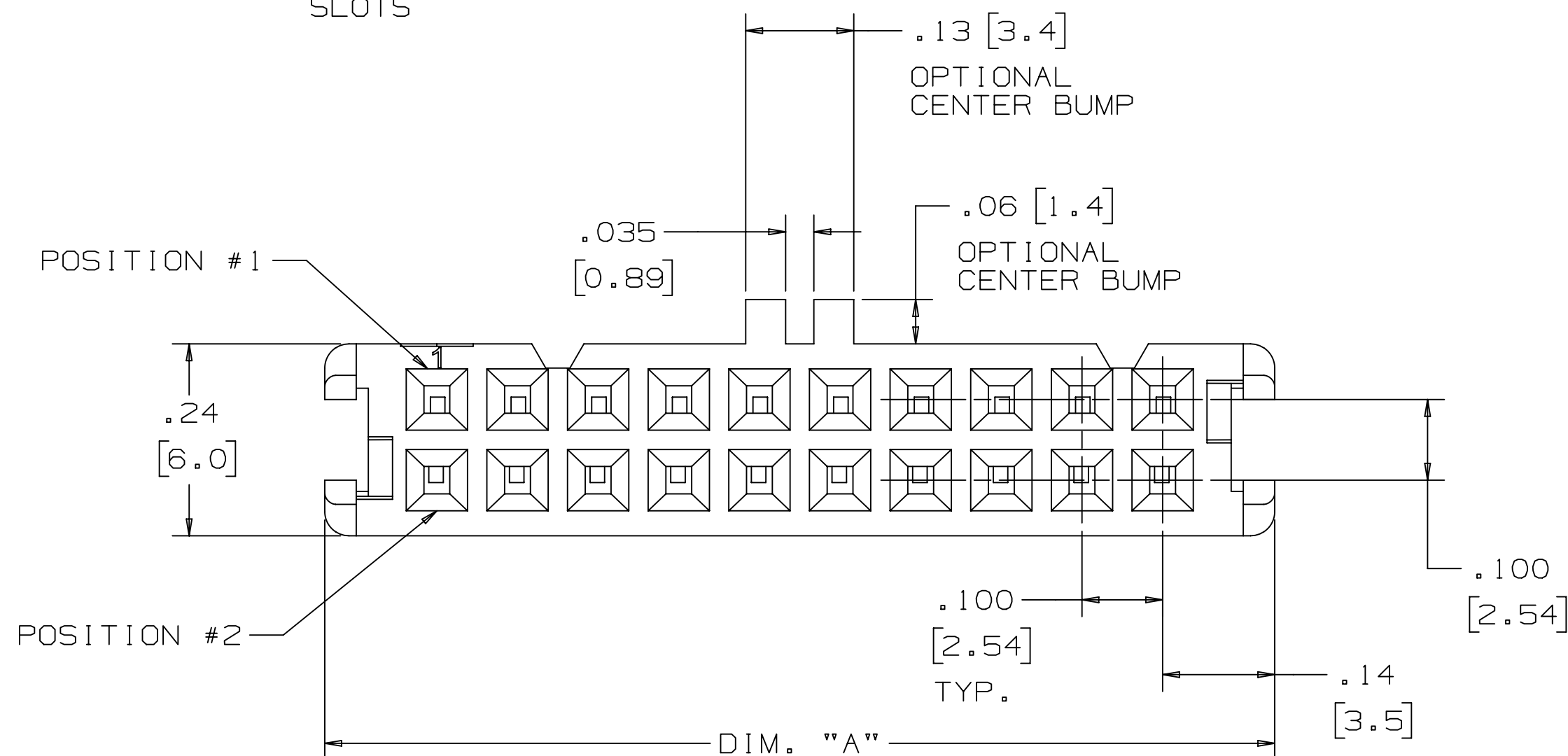
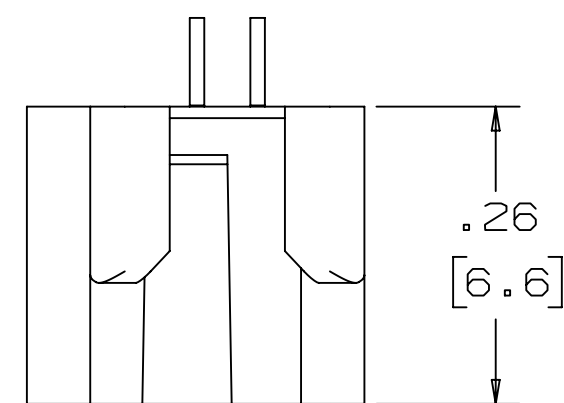
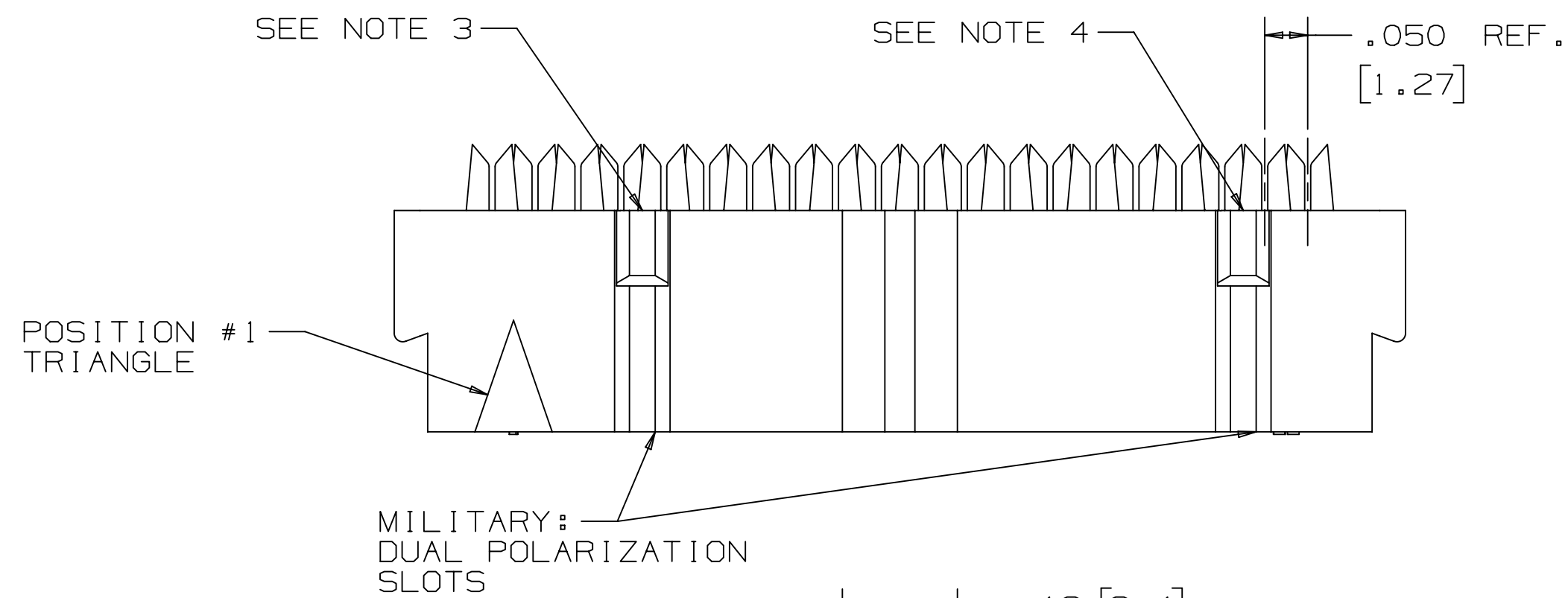
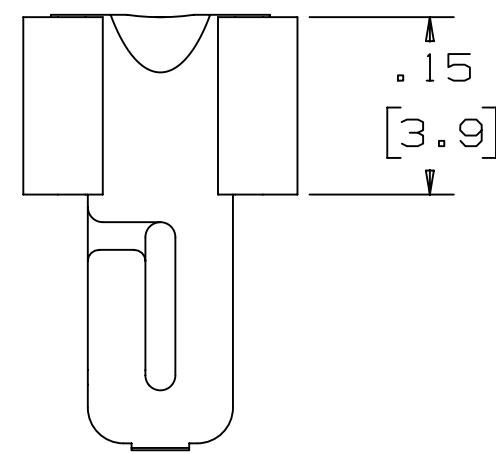
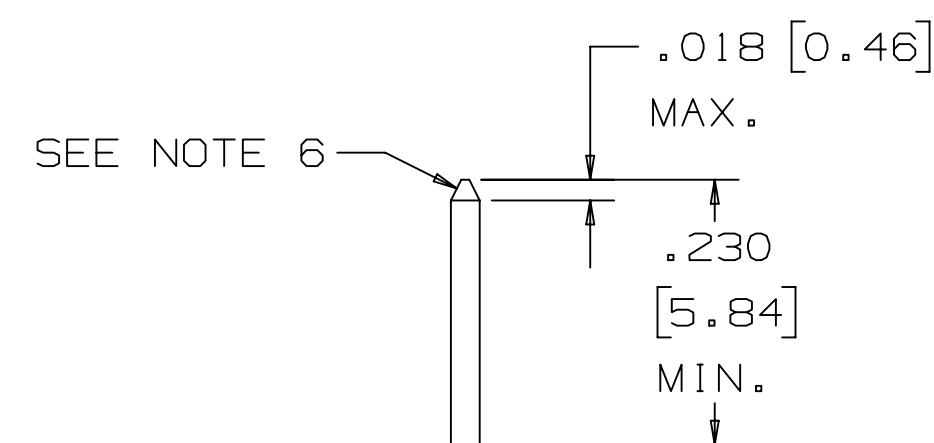
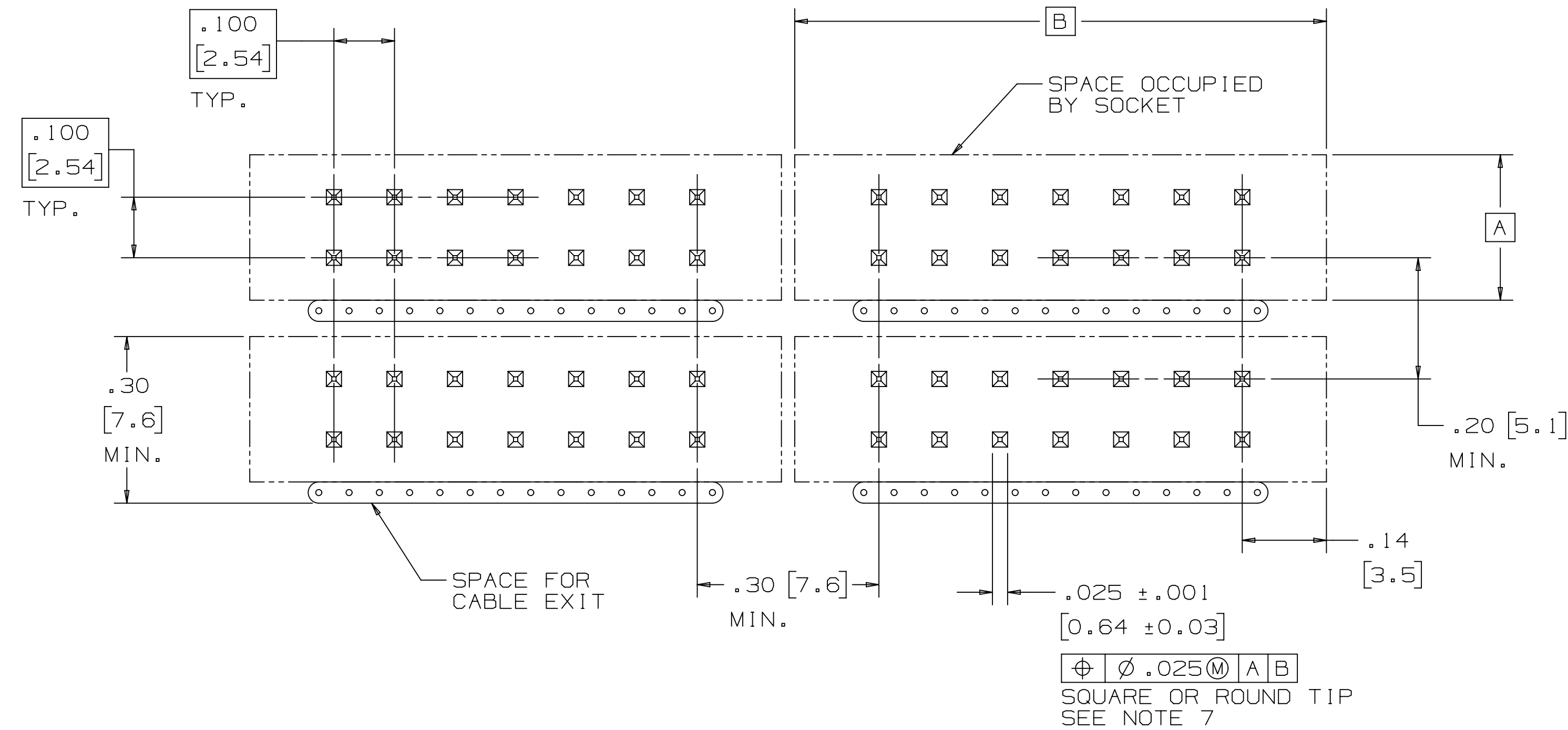


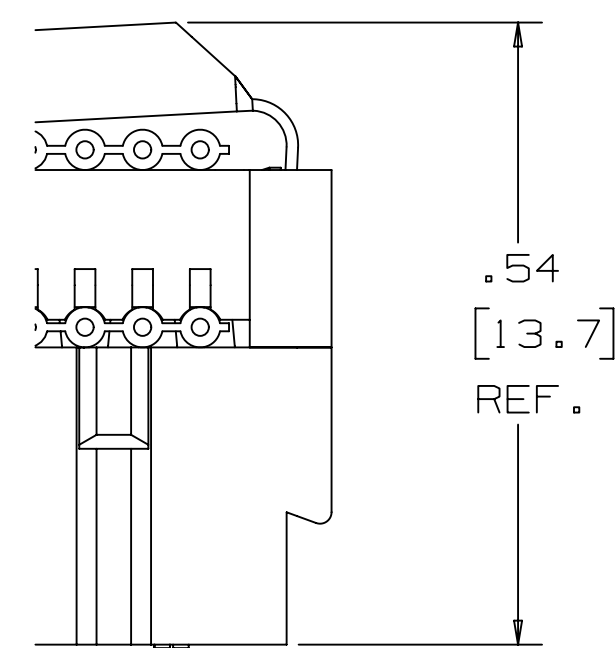
TABLE 1			
CONTACT QTY.	SOCKET SERIES	DIM. "A"	DIM. "B"
06	3863	0.48 [12.2]	0.34 [8.6]
08	3868	0.58 [14.7]	0.44 [11.2]
10	3473	0.68 [17.3]	0.54 [13.7]
14	3385	0.88 [22.4]	0.74 [18.8]
16	3452	0.98 [24.9]	0.84 [21.3]
20	3421	1.18 [30.0]	1.04 [26.4]
24	3626	1.38 [35.1]	1.24 [31.5]
26	3399	1.48 [37.6]	1.34 [34.0]
30	3419	1.68 [42.7]	1.54 [39.1]
34	3414	1.88 [47.8]	1.74 [44.2]
36	9436	1.98 [50.3]	1.84 [46.7]
40	3417	2.18 [55.4]	2.04 [51.8]
44	9444	2.38 [60.5]	2.24 [56.9]
50	3425	2.68 [68.1]	2.54 [64.5]
60	3334	3.18 [80.8]	3.04 [77.2]

						G	97305	JUN 21, 2021				JNC	SAN		
						REVISED AND REDRAWN									
DESIGN REFERENCE						NEXT ASSEMBLY		REV		ECO		ISSUE DATE AND DESCRIPTION		DRFT	CHKD
ADDRESS								REF CAST		JUN 21, 2021		DATE			
								CHKD				MFG		DATE	
												APPROV S. NEU		DATE JUN 22, 2021	
DIVISION						DIVISION CODE EMSD						© 3M COPYRIGHT 2021			
DO NOT SCALE DRAWING						SCALE 6 1						TOLERANCES EXCEPT AS NOTED			
						INCHES .00 + .01 - .00 + .005 - .0000 ± .0002						TITLE WIRE MOUNT SOCKET, .100" X .100", .050" PITCH CABLE			
THIRD ANGLE PROJECTION						INTERPRET PER ASME Y14.5 - 2018						MILLIMETERS 0 +			
MAX SURFACE ROUGHNESS □ ALL SURFACES						0 + - .00 + .00 - .000 ±						CAGE NUMBER SIZE DRAWING NO. G 78-5100-0718-6			
✓ MARKED ONLY						ANGLES ±						MODEL 3000			
												DET. LISTS YES YES NO SHT 2 OF 4			

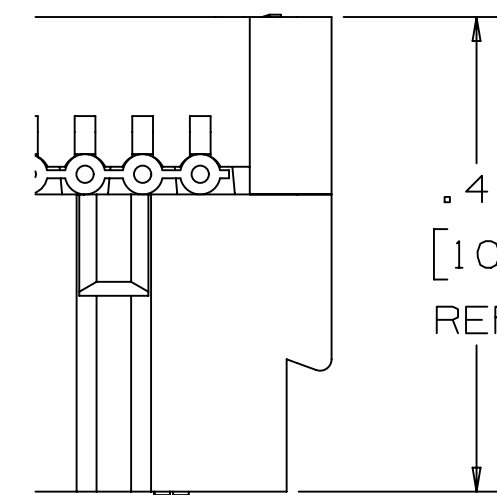
3M™ WIREMOUNT SOCKET, 3000 SERIES
.100" X .100" FOR .050" PITCH CABLE, (OPTIONAL PLASTIC OR METAL STRAIN RELIEF)



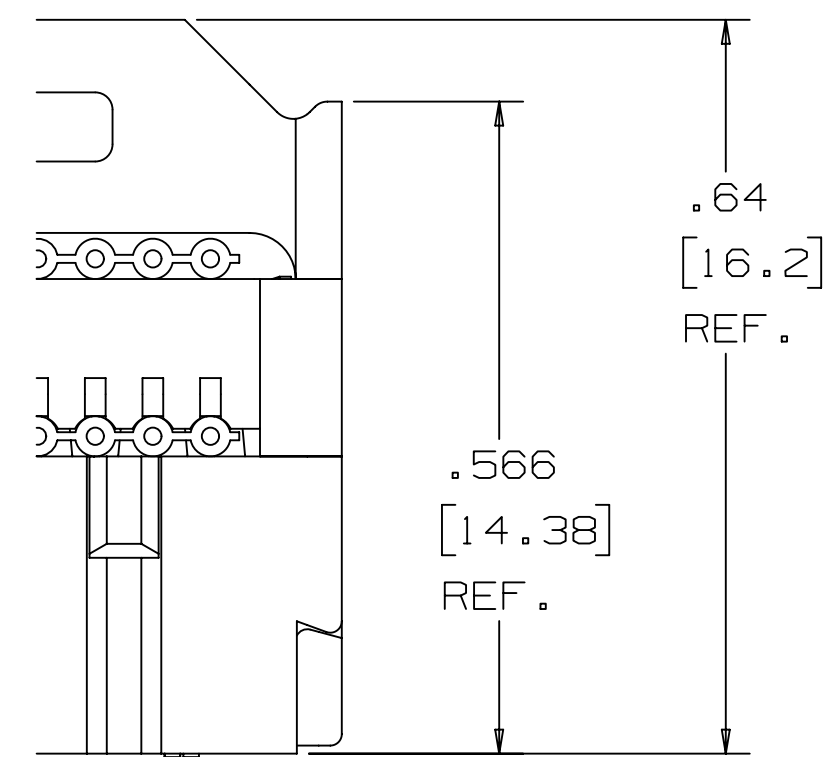
RECOMMENDED PIN PATTERN FOR STACKED CONFIGURATIONS



ASSEMBLED HEIGHT
WITH METAL PROFILE
STRAIN RELIEF



ASSEMBLED HEIGHT
WITHOUT STRAIN RELIEF



ASSEMBLED HEIGHT
WITH PLASTIC
STRAIN RELIEF

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 THIRD ANGLE PROJECTION		INCHES .0 ± .01 .00 ± .005 .0000 ± .0002		TITLE WIREMOUNT SOCKET, .100" X .100" .050" PITCH CABLE					
INTERPRET PER ASME Y14.5 - 2018 MAX. SURFACE ROUGHNESS ALL SURFACES ✓ MARKED ONLY		MILLIMETERS 0 ± .0 ± .00 ± .000 ±		CAGE NUMBER SIZE D DRAWING NO. 578-5100-0718-6		REV. G		MODEL 3000	
		ANGLES ±		DET. LISTS ☐ YES ☒ NO		SHT 3 OF 4			

3M™ WIREMOUNT SOCKET, 3000 SERIES

.100" X .100" FOR .050" PITCH CABLE, (OPTIONAL PLASTIC OR METAL STRAIN RELIEF)

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DIVISION				CHRD		DATE		APPRV. S. NEU				DATE JUN 22, 2021	
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THIRD ANGLE PROJECTION				INCHES .00 + .01 .000 ± .001 .0000 ± .0002		TITLE WIREMOUNT SOCKET 100'' X 100'' g .050'' PITCH CABLE		3M Center St. Paul, MN 55114					
INTERPRET PER ASME Y14.5 - 2018				MILLIMETERS 0 +		CASE NUMBER		SIZE D		DRAWING NO.		REV.	
MAX SURFACE ROUGHNESS		ALL SURFACES		0 .00 ± .000		478-5100-0718-6		DET.		LISTS		YES YES NO SH T 4 OF 6	
✓ MARKED ONLY		ANGLES ±		MODEL 3000									