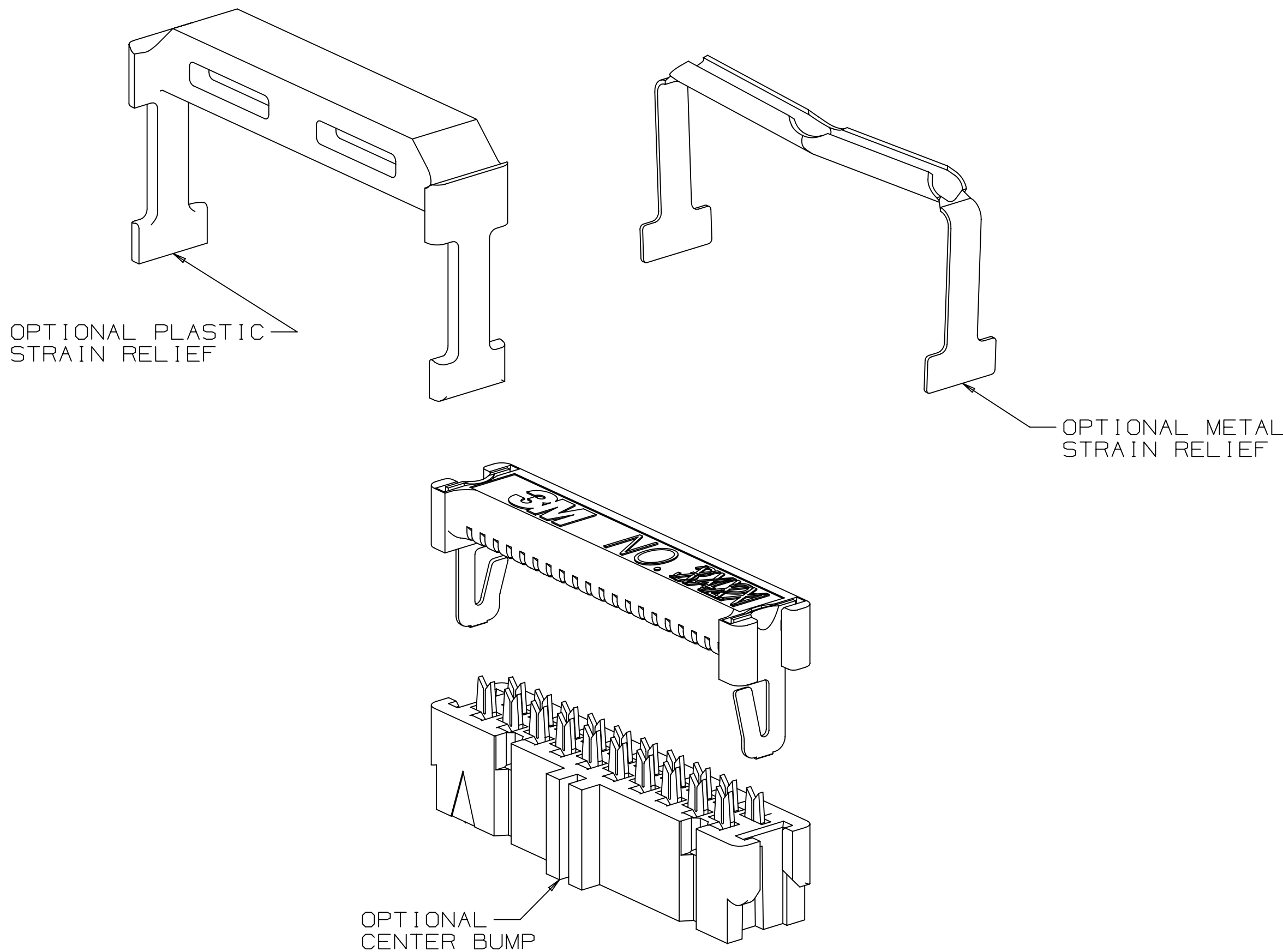


3M™ WIREMOUNT SOCKET, 3000 SERIES
.100" X .100" FOR .050" PITCH CABLE, (OPTIONAL PLASTIC OR METAL STRAIN RELIEF)



- * INDUSTRY STANDARD IDC SOCKET.
- * POSITIVE LOCKING METAL "J" CLIPS PROVIDE HIGH COVER RETENTION.
- * MATES WITH 3M HEADERS, PLUGS AND PIN STRIPS FOR QUICK CONNECT/DISCONNECT CAPABILITY.
- * OPEN OR CLOSED END COVERS AVAILABLE.
- * ACCEPTS FLAT CABLE OR DISCRETE WIRE.
- * MILITARY POLARIZATION, WITH OR WITHOUT CENTER BUMP.
- * TRANSFER ADHESIVE ON COVERS PROVIDES PRECISION ALIGNMENT BETWEEN CONNECTOR AND CABLES RESULTING IN HIGH YIELD TERMINATIONS.
- * AVAILABILITY OF PULL TAB TO FACILITATE PROPER UNPLUGGING.
- * AVAILABILITY OF 2 TYPES OF STRAIN RELIEF (STANDARD AND LOW PROFILE) TO ISOLATE THE IDC INTERFACE.
- * SET THE STANDARD FOR MIL SPEC AND IEC STANDARDIZATION.
- * AVAILABILITY OF MILITARY AND CENTER BUMP POLARIZATION.

2 PHYSICAL :

INSULATION: GLASS FILLED POLYESTER (PBT)
MATERIAL: UL94V-0
FLAMMABILITY: GRAY
COLOR: GRAY
CONTACT: COPPER ALLOY
MATERIAL: STAINLESS STEEL
J-CLIP: PLATING: 100μ" [2.54μm] AVG. NICKEL-OVERALL
UNDER PLATING AND U-SLOT: 30μ" [0.76μm] AVG. GOLD
WIPING AREA: 26 AND 28 AWG SOLID AND STRANDED
WIRE ACCOMMODATION: 3M LOGO, PART IDENTIFICATION NUMBER, ORIENTATION TRIANGLE
MARKINGS:

2 ELECTRICAL :

CURRENT RATING:

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

RATING CONDITIONS: EIA-364-070 METHOD 2, 30°C MAXIMUM TEMPERATURE RISE, 20% DERATED. REFERENCE APPROPRIATE 3M PRODUCT SPECIFICATION FOR CURRENT DERATING CURVES.

INSULATION RESISTANCE: >1 X 10⁹Ω AT 500 V_{DC}
WITHSTANDING VOLTAGE: 1,000V_{RMS} AT SEA LEVEL

2 ENVIRONMENTAL :

TEMPERATURE RATING: -55°C TO +105°

ORDERING INFORMATION
SOCKETS

XXXX-XXXX

SOCKET SERIES:
(SEE TABLE 1)

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

POLARIZATION:
0 = MILITARY (DUAL SLOT)
6 = CENTER BUMP AND MILITARY

COVER:
6 = OPEN END (FOR DAISY CHANING OR BUSSING)
7 = CLOSED END (FOR END CABLE TERMINATION) (10 TO 60 POSITION ONLY)

3M ELECTRONICS MATERIALS SOLUTIONS DIVISION
INTERCONNECT SOLUTIONS
<http://www.3M.com/interconnect>

3M IS A TRADEMARK OF 3M COMPANY.
FOR TECHNICAL, SALES OR ORDERING INFORMATION CALL 800-225-5373

UL
UL FILE NO: E68080

(ORDER SEPARATELY)
SEE TS-0720

ORDERING INFORMATION
STRAIN RELIEF

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

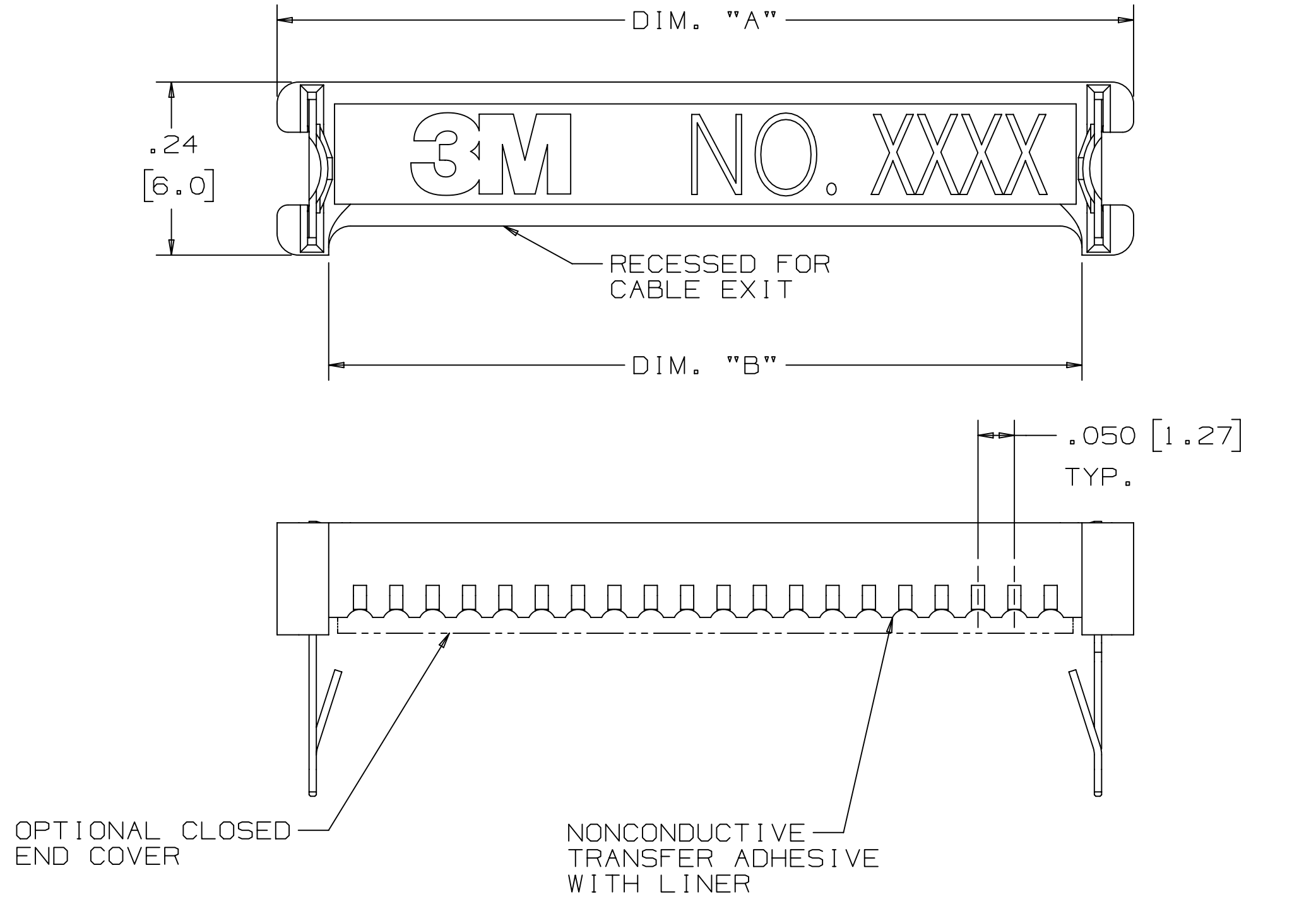
NOTE:
ASSEMBLY TOOLS:
3M PRESS (OR EQUIVALENT): 3640
3M LOCATOR PLATE: 3443-94
3M PLATTN: 3442-9

- 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.
 4. THIS POLARIZING GROOVE IS NON-EXISTENT ON 3863 SERIES FOR POLARIZATION OPTION 6.
 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

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
XXXX	XXXX	ECO	ECO	DATE JUN 21, 2021	DATE	DATE
DIVISION	DIVISION CODE	DRFT	CHKD	DATE	DATE	DATE
DO NOT SCALE DRAWING	SCALE 4/1	TOLERANCES EXCEPT AS NOTED	INCHES .00 ±.01 .000 ±.005 .0000 ±.0002	MILLIMETERS 0 ±.00 ±.000	MARKED ONLY	ANGLES ±
THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 2018	MAX SURFACE ROUGHNESS	0.00 ±.000	0.00 ±.000	0.00 ±.000	0.00 ±.000
CAGE NUMBER	SIZE	DRAWING NO.	REV.	DATE	DATE	DATE
3M	3M Center St. Paul, MN 55144	78-5100-0718-6	G	JUN 21, 2021	JUN 22, 2021	JUN 22, 2021
MODEL	3000	LISTS	YES	NO	SHT 1 OF 4	

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



COVER ASSEMBLY

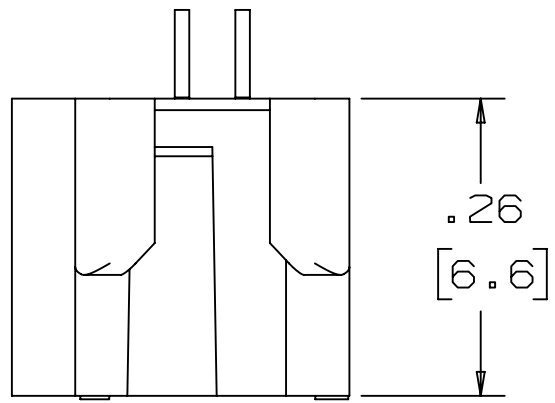
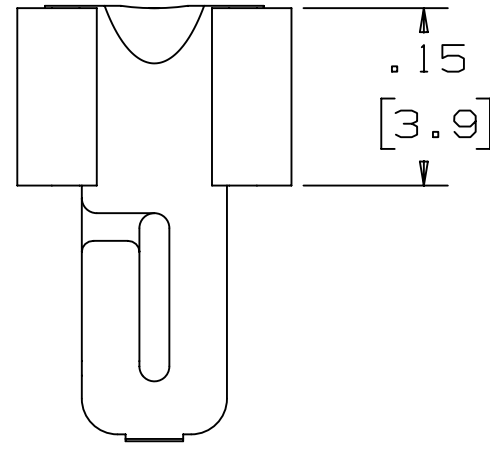
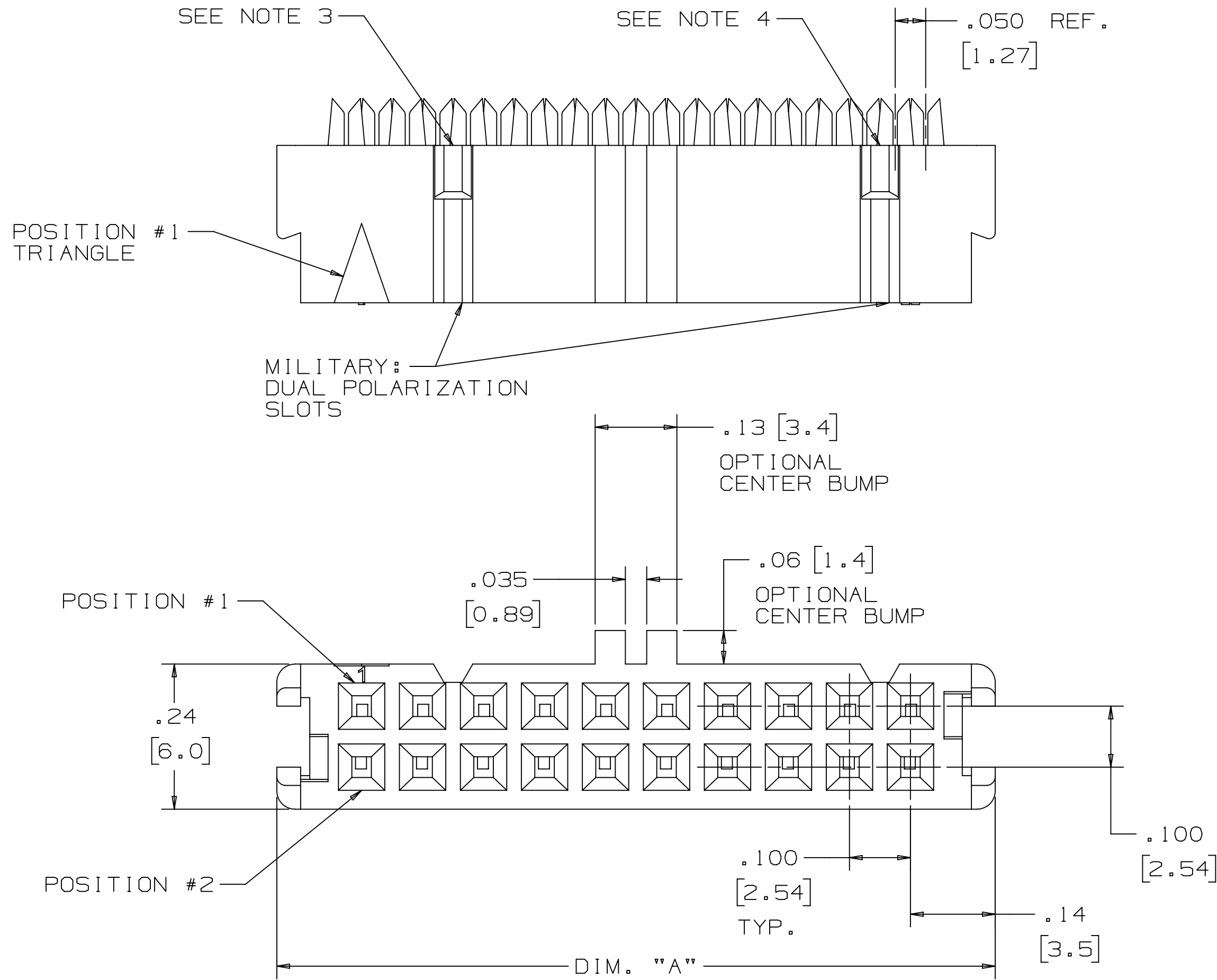
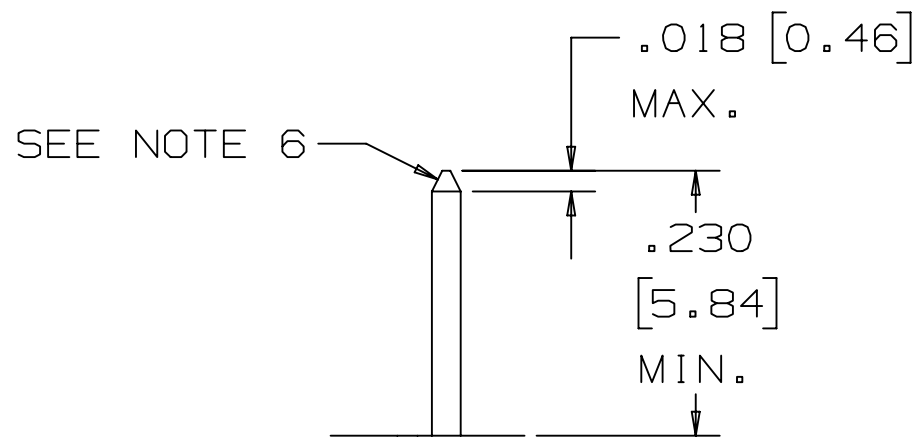
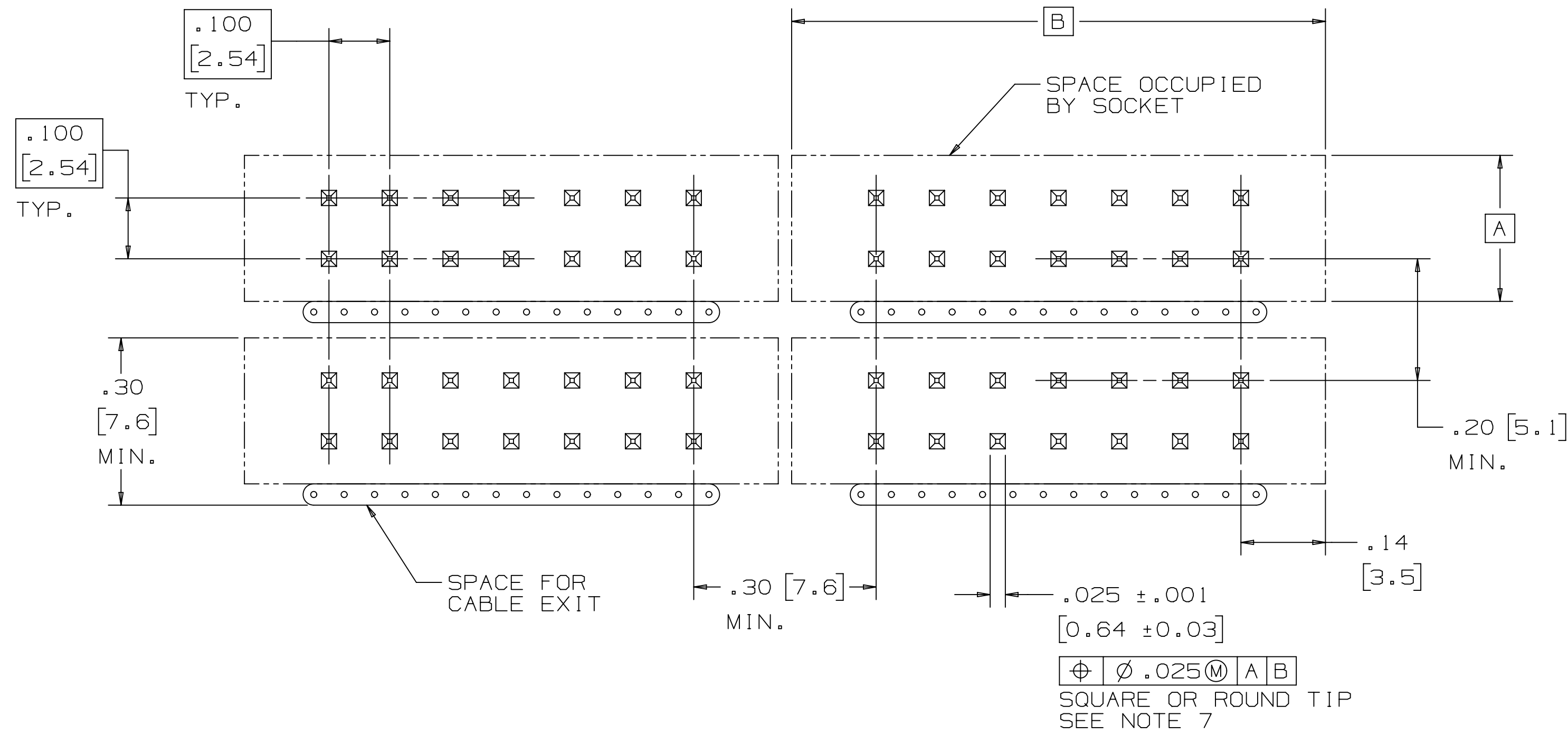


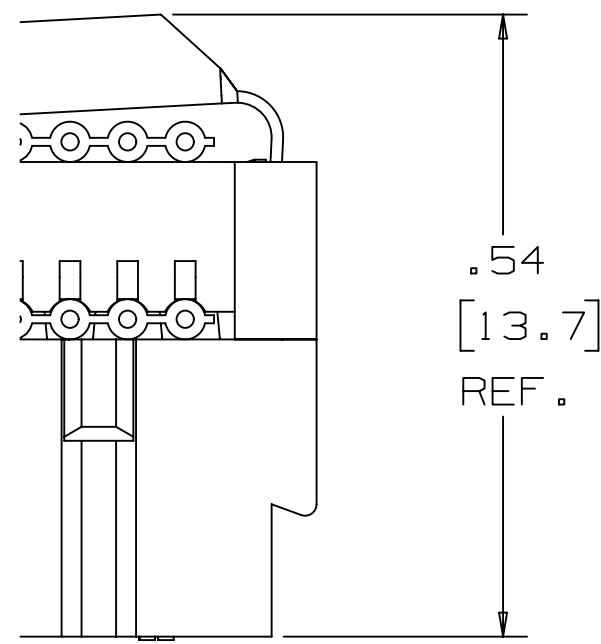
TABLE 1			
CONTACT QTY.	SOCKET SERIES	DIM. "A"	DIM. "B"
06	3863	0.48 [12.2]	0.34 [8.6]
08	3868	0.58 [14.7]	0.44 [11.2]
10	3473	0.68 [17.3]	0.54 [13.7]
14	3385	0.88 [22.4]	0.74 [18.8]
16	3452	0.98 [24.9]	0.84 [21.3]
20	3421	1.18 [30.0]	1.04 [26.4]
24	3626	1.38 [35.1]	1.24 [31.5]
26	3399	1.48 [37.6]	1.34 [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]

DESIGN REFERENCE		NEXT ASSEMBLY		G 97305		JUN 21, 2021		JNC		SAN	
REV		ECO		ISSUE DATE AND DESCRIPTION		DRFT		CHKD			
DRFT		CASTIGLIONE		DATE JUN 21, 2021		MFS		DATE			
CHKD				DATE		APPRV		DATE JUN 22, 2021			
DIVISION		DIVISION CODE		EMSD		3M		3M Center		This document and the information it contains are 3M property and may not be reproduced or further distributed without 3M permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.	
DO NOT SCALE DRAWING		SCALE 6 1		TOLERANCES EXCEPT AS NOTED		INCHES .0 .00 .000 .0000 .0000		MILLIMETERS 0 .0 .00 .000		TITLE WIREMOUNT SOCKET, .100" X .100", .050" PITCH CABLE	
THIRD ANGLE PROJECTION		INTERPRET PER ASME Y14.5 - 2018		MAX. SURFACE ROUGHNESS		ALL SURFACES		MARKED ONLY		CAGE NUMBER D78-5100-0718-6	
MODEL		3000		LISTS		YES		NO		SHT 2 OF 4	

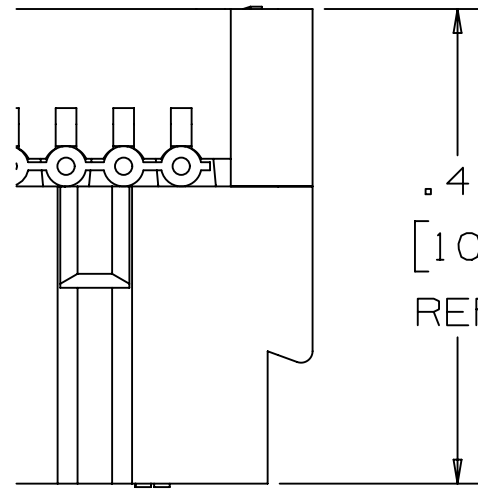
3M™ WIREMOUNT SOCKET, 3000 SERIES
.100" X .100" FOR .050" PITCH CABLE, (OPTIONAL PLASTIC OR METAL STRAIN RELIEF)



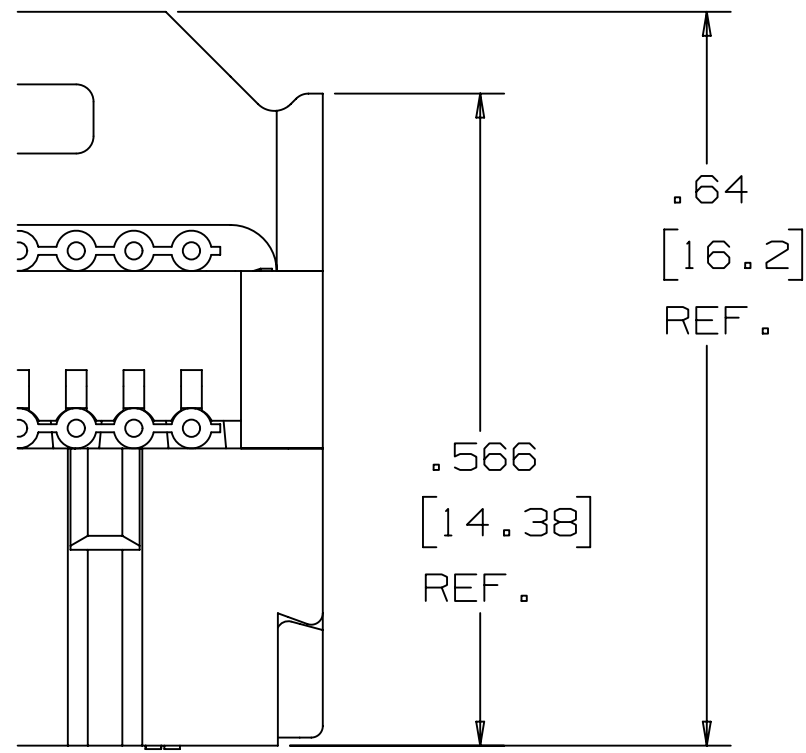
RECOMMENDED PIN PATTERN
FOR STACKED CONFIGURATIONS



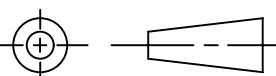
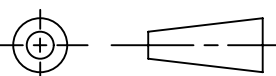
ASSEMBLED HEIGHT
WITH METAL PROFILE
STRAIN RELIEF



ASSEMBLED HEIGHT
WITHOUT STRAIN RELIEF



ASSEMBLED HEIGHT
WITH PLASTIC
STRAIN RELIEF

				G 97305		REVISED AND REDRAWN				JUN 21, 2021		JNC		SAN					
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MAX SURFACE ROUGHNESS				ALL SURFACES				0.00 ±		0.00 ±		0.00 ±				0.00 ±		0.00 ±	
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3M™ WIREMOUNT SOCKET, 3000 SERIES

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

Regulatory: For regulatory information about this product, visit 3M.com/regs or contact your 3M representative.

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1-800-225-5373
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G		97305		JUN 21, 2021		JNC		SKN	
REVISED AND REDRAWN									
ISSUE DATE AND DESCRIPTION		DRFT		CHKD					
CAST		TIG LONE		MFG		DATE		DATE	
JUN 21, 2021		JUN 21, 2021		S. NEU		JUN 22, 2021			
DIVISION		DIVISION CODE							
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DO NOT SCALE DRAWING		SCALE B 1		TOLERANCES EXCEPT AS NOTED					
		INCHES .0 .00 ± .01 .000 ± .005 .0000 ± .0002		TITLE WIREMOUNT SOCKET 100" X 100" .050" PITCH CABLE					
THIRD ANGLE PROJECTION		MILLIMETERS 0 .00 ± .00 ± .000 ±		CASE NUMBER 578-5100-0718-6					
INTERPRET PER ASME Y14.5 - 2018		MAX SURFACE ROUGHNESS ALL SURFACES MARKED ONLY		SIZE 3000					
		ANGLES ±		DET. YES YES NO SHT 4 OF 6					