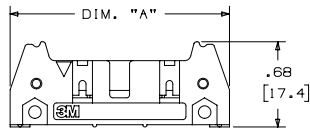
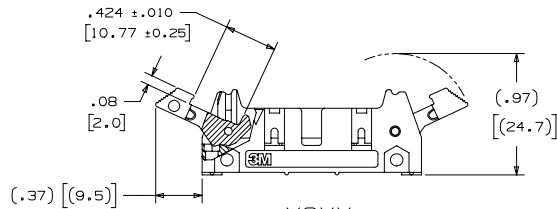


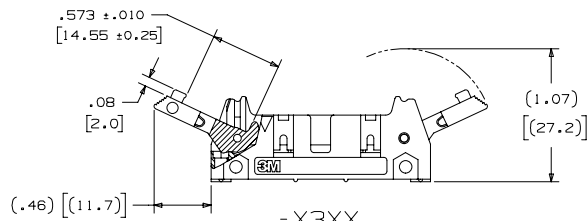
3M™ FOUR-WALL HEADER, 3000 SERIES
 .100" X .100" LATCH/EJECTOR, STRAIGHT AND RIGHT ANGLE



-XXXX
 HEADER WITHOUT LATCH EJECTOR



-X2XX
 HEADER WITH SHORT LATCH EJECTOR
 FOR 3M SOCKETS WITHOUT STRAIN RELIEF



-X3XX
 HEADER WITH LONG LATCH EJECTOR
 FOR 3M SOCKETS WITH STRAIN RELIEF

ORDERING INFORMATION

X3XXX-XXXXXX

D = HIGH TEMP BLACK (PCT)/(AR PLATING REQ'D)
 N = HIGH TEMP BLACK (PCT)/(RB PLATING REQ'D)
 BLANK = HIGH TEMP BLACK (PCT)/(EB PLATING REQ'D)

3M PART NUMBER:
 (SEE TABLE 1)

PIN CONFIGURATION:
 5 = RIGHT ANGLE SOLDER TAILS
 6 = STRAIGHT SOLDER TAILS

PLATING:

AR = 50μ"-150μ" [1.27μm-3.81μm] NICKEL-OVERALL
 10μ" [0.25μm] AVG. GOLD, 40-120μ" [1-3μm] MATTE TIN TAILS
 RB = 50μ"-150μ" [1.27μm-3.81μm] NICKEL-OVERALL
 30μ" [0.76μm] AVG. GOLD, 200μ" [5.08μm] MATTE TIN TAILS

TAIL:

02 = FOR .062 [1.57] THICK BOARD (N & D)
 03 = FOR .094 TO .125 [2.39 TO 3.18] THICK BOARD (N ONLY)

LATCH/EJECTOR SYSTEM:

0 = NO LATCH/EJECTOR INSTALLED
 2 = SHORT ROLL PIN LATCH/EJECTORS
 3 = LONG ROLL PIN LATCH/EJECTORS

- MILITARY (WITH 3M'S N3518 POLARIZING KEY) AND CENTERBUMP POLARIZATION.
- OPTIONAL EJECTOR LATCHES.
- MOUNTING HOLES FOR SECURING HEADER TO BOARD.
- OPTIONAL POLARIZING POSTS AVAILABLE.
- HIGH TEMPERATURE INSULATOR SUITABLE FOR "NO LEAD" SOLDERING OPERATIONS.
- SUITABLE FOR REFLOW SOLDERING USING "PASTE IN HOLE" TECHNIQUES.
- STRAIGHT, RIGHT ANGLE SOLDER TAIL OPTIONS.

2 PHYSICAL:

INSULATOR: HIGH TEMP GLASS FILLED POLYESTER (PCT)
 MATERIAL: UL94V-0
 FLAMMABILITY: BLACK
 COLOR: COPPER ALLOY
 CONTACT: NICKEL-OVERALL (SEE ORDERING INFORMATION)
 UNDER PLATING: GOLD (SEE ORDERING INFORMATION)
 WIPING AREA: MATTE TIN (SEE ORDERING INFORMATION)
 SOLDER TAILS: 3M LOGO, PART IDENTIFICATION NUMBER AND ORIENTATION TRIANGLE
 MARKINGS:

2 ELECTRICAL:

EIA CURRENT RATING: 5.00A, 1 CONTACT POWERED
 3.00A, 6 CONTACTS POWERED
 1.75A, ALL CONTACTS POWERED
 RATING CONDITIONS: EIA-364-070 METHOD 2, 30°C MAXIMUM TEMPERATURE RISE, 20% DERATED. REFERENCE APPROPRIATE 3M PRODUCT SPECIFICATION FOR DETAILED CURRENT DERATING CURVES.

INSULATION RESISTANCE: >1 X 10⁹Ω AT 500 V_{DC}
 WITHSTANDING VOLTAGE: 1,000V_{AC} AT SEA LEVEL
 UL CURRENT RATING: 1.0A ALL LINES POWERED
 UL VOLTAGE RATING: 250V

2 ENVIRONMENTAL:

UL TEMPERATURE RATING: 130C
 EIA TEMPERATURE RATING: -55°C TO 105°C
 PROCESS RATING: 260°C, PER J-STD-020C, SINGLE PASS
 MOISTURE SENSITIVITY LEVEL: 1 (PER J-STD-020C, SINGLE PASS)

- NOTES
1. REGULATORY INFORMATION: VISIT 3M.com/regs
 2. IN THE EVENT OF CONFLICT BETWEEN THIS DATA AND THAT CONTAINED IN THE PRODUCT SPECIFICATION, THE PRODUCT SPECIFICATION TAKES PRECEDENT.
 3. NOTCHES A & C WILL ACCOMMODATE 3M POLARIZING KEY: N3518.
 4. MOUNTING HARDWARE: FROM SOLDER SIDE OF PC BOARD USE #4-24 THREAD CUTTING SCREW (3M PART #3341-5) WITH Ø.116 [2.95] MOUNTING HOLE. FOR RIGHT ANGLE VERSION ONLY: #2-56 BOLT AND NUT (3M PART #3341-6) WITH Ø.106 [2.69] MOUNTING HOLE MAY BE USED.

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

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
X 115955	MAY 08, 2024	JNC	FJR	REMOVE 05 WWT TAIL		
W 112712	NOV 29, 2023	JNC	FJR	UL VOLTAGE WAS 125		
V 97909	JUN 22, 2021	JNC	SAN	REVISED ORDERING INFO		
U 93619	JAN 07, 2021	JNC	SAN	REMOVE TIN LEAD PLATING AND KINK TAILS		
T 62689	JUL 10, 2015	JNC	SN	ADD SX05 OPTION AND REVISE NOTES		
S 80056	MAR 06, 2015	JNC	RS	REVISE ORDERING NUMBER		
R 56068	JUL 25, 2014	JNC	RS	REVISED AND REDRAWN		

DATE	BY	DATE	BY
05/25/2014	J. SCHERER	05/25/2014	J. SCHERER

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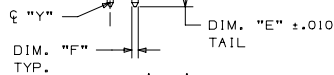
TIME
 4-WALL HEADER, .100 X
 .100 LATCH/EJECT,
 STRAIGHT & RA

CASE NUMBER
 78-5100-0772-3 X

MODEL 3400
 LIST 1 OF 5

UL FILE NO: E68080

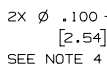
.100" X .100" LATCH/EJECTOR, STRAIGHT AND RIGHT ANGLE



































































* AVAILABLE WITHOUT CENTER NOTCH B. CONTACT 3M

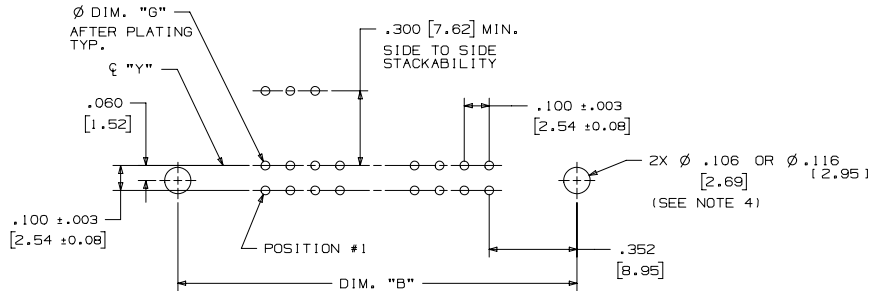
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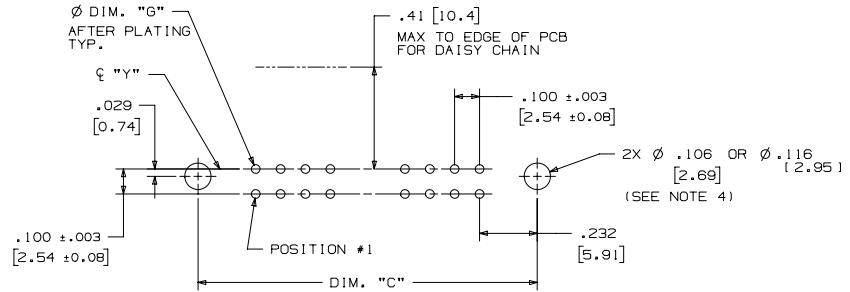


DESIGN REFERENCE		ASSEMBLY		REV	ECO	ISSUE DATE	DATE AND DESCRIPTION	DFT	CHKD
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CITY				CND		DATE		WFO	05_2014
DIVISION		DIVISION CODE		DESIGNED BY		DRN		ICHSCHERER	
INTERCONNECT SOLUTIONS		ELECTRICAL		3M		© 2014 COPYRIGHT 2024			
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				3M		without the written permission of			
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 THIN ABLE PROJECTION		 FIRST ANGLE PROJECTION		 THIRD ANGLE PROJECTION		 FOURTH ANGLE PROJECTION			
 TOP VIEW PROJECTION		 FRONT VIEW PROJECTION		 SIDE VIEW PROJECTION		 BOTTOM VIEW PROJECTION			
 ISOMETRIC PROJECTION		 OBLIQUE PROJECTION		 PERSPECTIVE PROJECTION		 OTHER PROJECTION			
 SURFACE ROUGHNESS		 SURFACE FINISH		 SURFACE TEXTURE		 SURFACE CONDITION			
 MARKED ONLY		 MARKED ONLY		 MARKED ONLY		 MARKED ONLY			
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3M™ FOUR-WALL HEADER, 3000 SERIES
.100" X .100" LATCH/EJECTOR, STRAIGHT AND RIGHT ANGLE



RECOMMENDED MOUNTING HOLE PATTERN
(STRAIGHT VERSION)



RECOMMENDED MOUNTING HOLE PATTERN
(RIGHT ANGLE VERSION)

PART CUSTOMIZATION

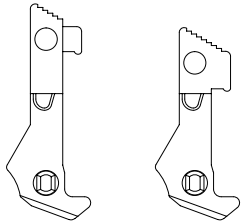
THIS SPEC SHEET DETAILS OUR STANDARD OFFERING.

3M HAS SEVERAL CAPABILITIES THAT CAN PROVIDE A PART TAILORED TO YOUR SPECIFIC NEEDS. ASK YOUR 3M SALES REPRESENTATIVE OR CUSTOMER SERVICE FOR MORE DETAILS.

BOTH SNAP-IN AND ROLL PIN LATCHES MAY BE ORDERED SEPARATELY. SNAP-IN AND ROLL PIN STYLE LATCHES ARE DIMENSIONALLY AND FUNCTIONALLY EQUIVALENT. IF ORDERING SNAP-IN OR ROLL PIN STYLE LATCHES SEPARATELY, PLEASE USE THE BELOW CHART.

MATERIAL	SHORT LATCH	LONG LATCH	LATCH STYLE	COLOR
HIGH TEMP. (PCT)	N3505-2B	N3505-3B	ROLL PIN	BLACK
HIGH TEMP. (PPA)	N3505-30B	N3505-31B	SNAP-IN	BLACK

- SELECTIVE PIN REMOVAL (ATA OR OTHER COMPATABILITY)
- WIRE WRAP TAILS STYLE



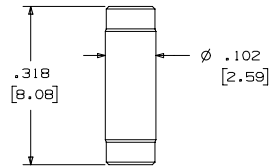
LONG SHORT
SNAP-IN LATCHES

NOTE:
SNAP-IN LATCHES CAN ONLY BE ORDERED SEPARATELY AND ARE THE CUSTOMERS RESPONSIBILITY TO INSTALL.

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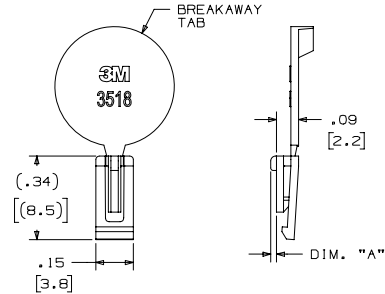
POLARIZING POST



3M PART NO.	MATERIAL	COLOR
3201-4	LCP	BLACK

NOTE:
INSERT POST INTO ONE MOUNTING
HARDWARE HOLE ON BOTTOM OF HEADER.
SET POST TO PROTRUDE .115 [2.92]

POLARIZING KEYS



3M PART NO.	MATERIAL	COLOR	DIM. 'A'
N351B	LCP	BLACK	.02

NOTE:
#2216 B/A SCOTCHWELD CAN BE USED TO
ADHERE KEYS.

X	115955	MAY 08, 2024	JNC	FJR
W	112712	NOV 29, 2023	JNC	FJR
V	97909	JUN 22, 2021	JNC	SAN
U	93619	JAN 07, 2021	JNC	SAN
T	62688	JUL 10, 2015	JNC	SN
S	60056	MAR 06, 2015	JNC	RS
R	56068	JUL 25, 2014	JNC	RS

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
3M Center	3M Center	1	1	05/08/2024		
Interconnect Solutions	Interconnect Solutions	1	1	05/08/2024		
DO NOT SCALE DRAWING	DO NOT SCALE DRAWING					
THIRD ANGLE PROJECTION	THIRD ANGLE PROJECTION					
INTERPRET PER ASME Y14.5 - 2018	INTERPRET PER ASME Y14.5 - 2018					
MAX SURFACE ROUGHNESS	MAX SURFACE ROUGHNESS					
MARKED SURFACES	MARKED SURFACES					
UNMARKED SURFACES	UNMARKED SURFACES					
3M Center	3M Center					
4-WALL HEADER, .100 X .100 LATCH/EJECT, STRAIGHT & RA	4-WALL HEADER, .100 X .100 LATCH/EJECT, STRAIGHT & RA					
CASE NUMBER	CASE NUMBER					
78-5100-0772-3	78-5100-0772-3					
MODEL	MODEL					
3400	3400					

.100" X .100" LATCH/EJECTOR, STRAIGHT AND RIGHT ANGLE

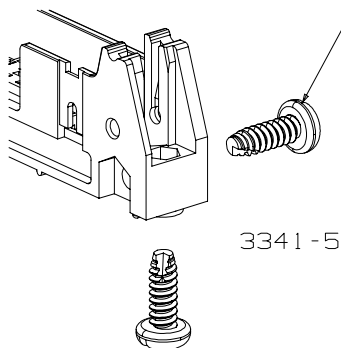
3341-5

INSTALL FROM BOTTOM OF BOARD)

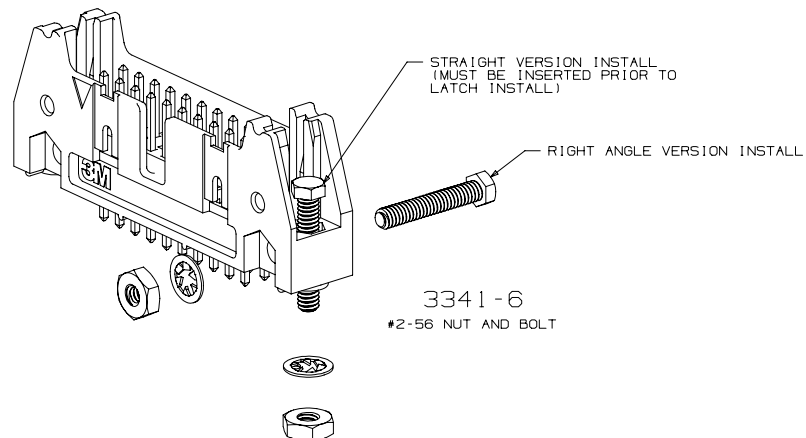
3341-5
(INSTALL FROM BOTTOM OF BOARD)
SEE NOTE 4

PANHEAD THREAD CUTTING SCREW:
#4-24 X 5/16"
TYPE: USA STD BT, FEDERAL BG
MATERIAL: STAINLESS STEEL

3341-6
HEX HEAD BOLT, NUT AND WASHER:
BOLT - #2-56 X 1 1/2"
MATERIAL: STAINLESS STEEL



- #4-24 TYPE BT SELF THREADING SCREW
WHEN USING LATCHES, MAXIMUM LENGTH
OF SCREW IS .250 INCHES PLUS
THICKNESS OF THE BOARD.



- STRAIGHT VERSION INSTALL
(MUST BE INSERTED PRIOR TO
LATCH INSTALL)

— RIGHT ANGLE VERSION INSTALL

3341-6
#2-56 NUT AND BOLT

X	115955	MAY 09, 2024 REMOVE 05 WWT TAIL	JNC	FJR
W	112712	NOV 29, 2023	JNC	FJR
V	97909	JUN 22, 2021 UL VOLTAGE WAS 125	JNC	SAN
U	93619	REVISED ORDERING INFO JAN 07, 2021	JNC	SAN
T	62689	REMOVE TIN LEAD PLATING AND KINK TAILS JUL 10, 2015	JNC	SN
S	60056	ADD EXOS OPTION AND REVISE NOTES MAR 06, 2015	JNC	RS
R	56068	REVISED ORDERING NUMBER JUL 25, 2014	JNC	RS

[illegible]

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TITLE	4-WALL HEADER, .100 X .100 LATCH/EJECT, STRAIGHT & RA

CAGE NUMBER	SIZE	DRAWING NO.	REV.
	D	78-5100-0772-3	X

.100" X .100" LATCH/EJECTOR, STRAIGHT AND RIGHT ANGLE

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13011 McCallen Pass, Bldg. C
Austin, TX 78753-5380
1-800-225-5373
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X	115955	MAY 09, 2024 REMOVE SW TAIL	JNC	FJR
W	112712	NOV 29, 2023 UL VOLTAGE WAS 125	JNC	FJR
V	97909	JUN 22, 2021 REVISED ORDERING INFO	JNC	SAN
U	93619	JAN 07, 2021 REMOVE TIN LEAD PLAYING AND KINK TAILS	JNC	SAN
T	62689	JUL 10, 2015 ADD SX05 OPTION AND REVISE NOTES	JNC	SN
S	60056	MAR 06, 2015 REVISE ORDERING NUMBER	JNC	RS
R	56066	JUL 25, 2014 REVISED AND REPROGRAM	JNC	RS

DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DATE	CHKD
A0000		A0000		CUST LOGS		MAY 25, 2014		INFO	
DWG		DWG		DWG		DWG		SEP 05, 2014	
OVERVIEW		DIVISION CODE		3M		© M SCHRIER 2014			
Interconnect Solutions		TOLERANCES		AS SHOWN		This drawing and the information it contains are the property of 3M and are not to be distributed or used for any other purpose without the written permission of 3M.			
DO NOT SCALE		DIMENSIONS		NOTED		All rights reserved.			
DRAWING		INCHES		INCHES					
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THIRD ANGLE PROJECTION		0 = 1/16"		0 = 1/16"					
INTERPRET PER		0 = 1/32"		0 = 1/32"					
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UNW. SURFACE FINISHES		0 = 0.002"		0 = 0.002"					
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