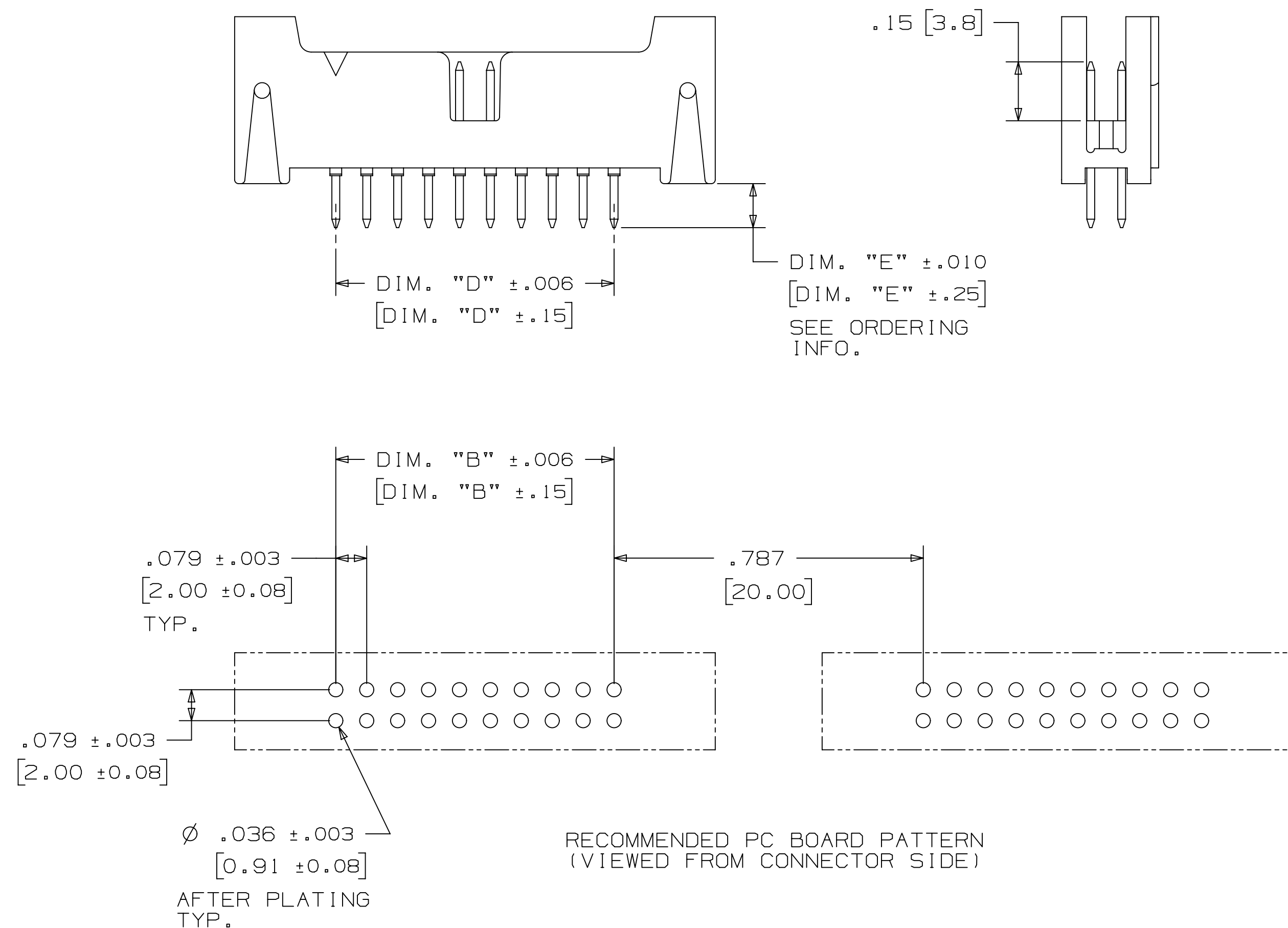


3M™ LATCH/EJECT HEADER, 1552 SERIES
 2MM X 2MM STRAIGHT & RIGHT ANGLE, THROUGH-HOLE, STRAIGHT & SURFACE MOUNT

STRAIGHT VERSION



ORDERING INFORMATION

1552XX-6X0X-XX

CONTACT QUANTITY:

- LATCHING OPTIONS:
 2 = LATCH, MOLDED-ON SOCKET WITH LATCHING EARS, SERIES: 870, 2MM
 3 = LATCH, PRESS-ON SOCKET, SERIES: 1522
 4 = LATCH, 2MM SCI CARRIER ONLY, SERIES: 93XX

- PLATING OPTIONS:
 RB = 30μ" AVG. [.76μm] GOLD
 RA = 10μ" AVG. [.25μm] GOLD

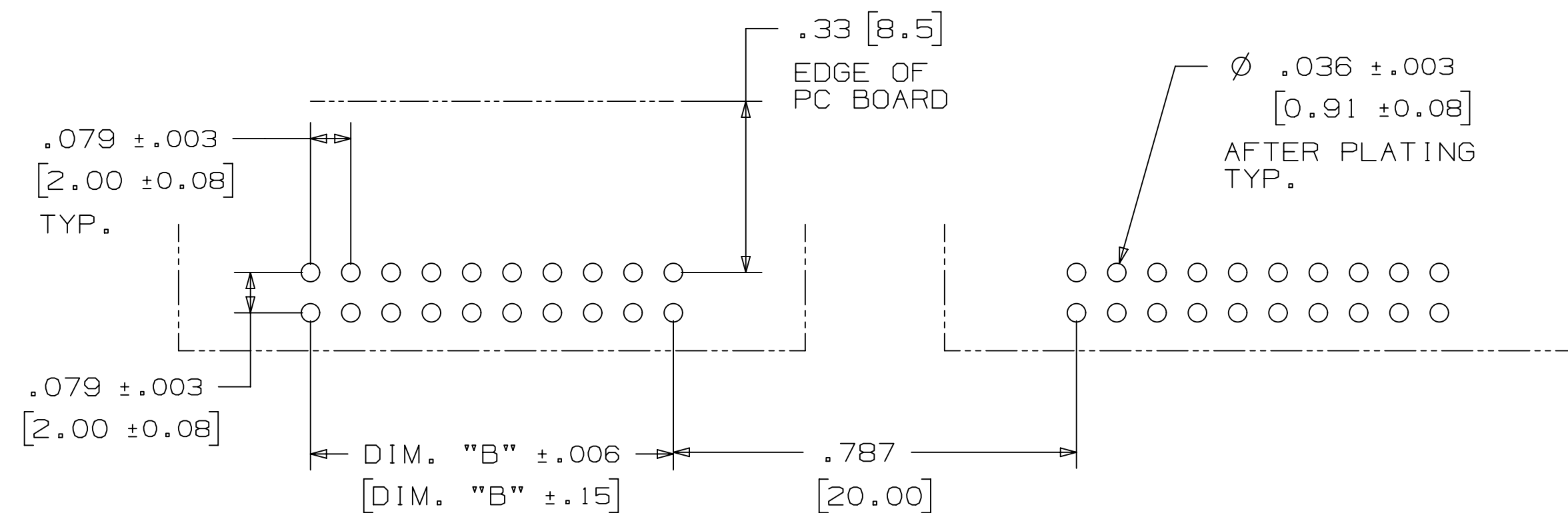
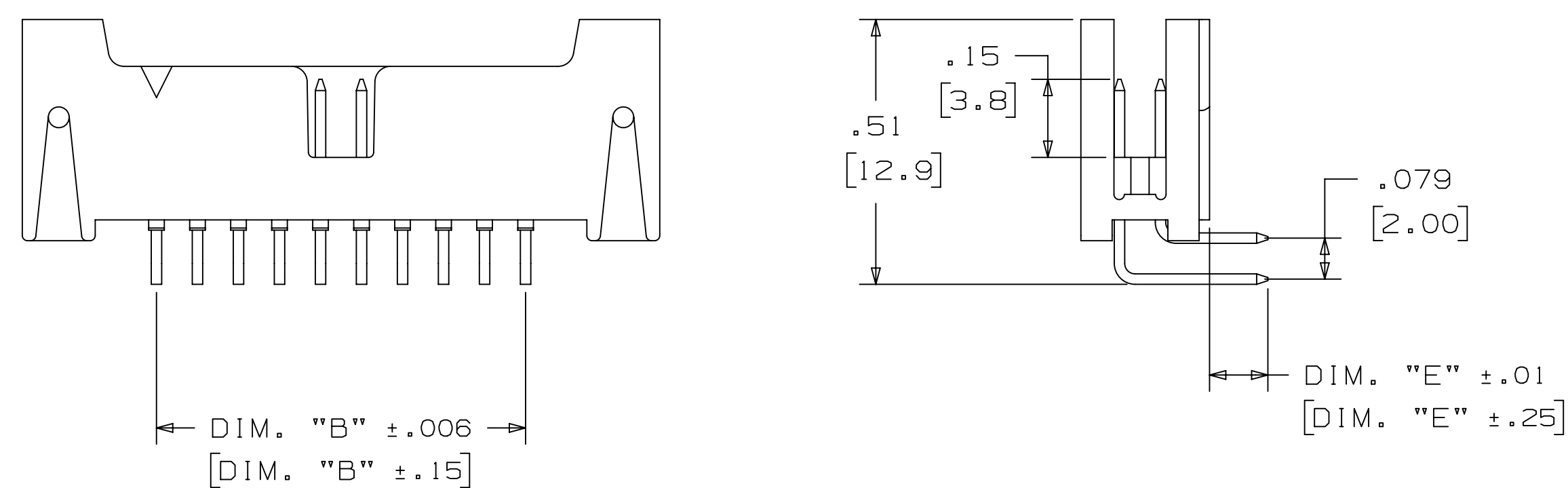
- SOLDER TAIL LENGTH:
 DIMENSION "E"
 2 = .112 [2.84]
 3 = .155 [3.94]

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
		N	99400	SEP 20, 2021 REVISE ELECTRICAL PERFORMANCE	JNC	FJR
		M	97385	JUN 02, 2021 REMOVED G1552XX, REVISED NOTES	JNC	FJR
		L	58601	AUG 11, 2016 8-11-16 ADD SHT 4 REVISE TRADEMAKE NOTE JUN 01, 2016 PRODUCTION RELEASE, APR 29, 2016	JNC	RS
DRG CODES		DRFT	CASTIGLIONE	DATE JAN 21, 2015	MFG	DATE
		CHKD		DATE	APPV	DATE
					R. SCHERER	JAN 21, 2015
DIVISION		DIVISION CODE		EMSD		
DO NOT SCALE DRAWING	SCALE 4/1	TOLERANCES EXCEPT AS NOTED		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.		
THIRD ANGLE PROJECTION		INCHES		TITLE LATCH/EJECT HEADER, 2MM, STRAIGHT, RIGHT ANGLE & SMT		
INTERPRET PER ASME Y14.5 - 2018		MILLIMETERS		CAGE NUMBER DRAWING NO. 78-5100-2199-7		
MAX SURFACE ROUGHNESS		MARKED ONLY		MODEL 1552		
		ANGLES		DET IS1s <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO SHT 2 OF 4		

78-5100-2199-7
DRAWING NUMBER
REVISION

3M™ LATCH/EJECT HEADER, 1552 SERIES
2MM X 2MM STRAIGHT & RIGHT ANGLE, THROUGH-HOLE, STRAIGHT & SURFACE MOUNT

RIGHT ANGLE VERSION



RECOMMENDED PC BOARD PATTERN
(VIEWED FROM CONNECTOR SIDE)

ORDERING INFORMATION

1552XX-5X0X-XX

CONTACT QUANTITY: []

- LATCHING OPTIONS:
- 2 = LATCH, MOLDED-ON SOCKET WITH LATCHING EARS, SERIES: 870, 2MM
 - 3 = LATCH, PRESS-ON SOCKET, SERIES: 1522
 - 4 = LATCH, 2MM SCI CARRIER ONLY, SERIES 93XX

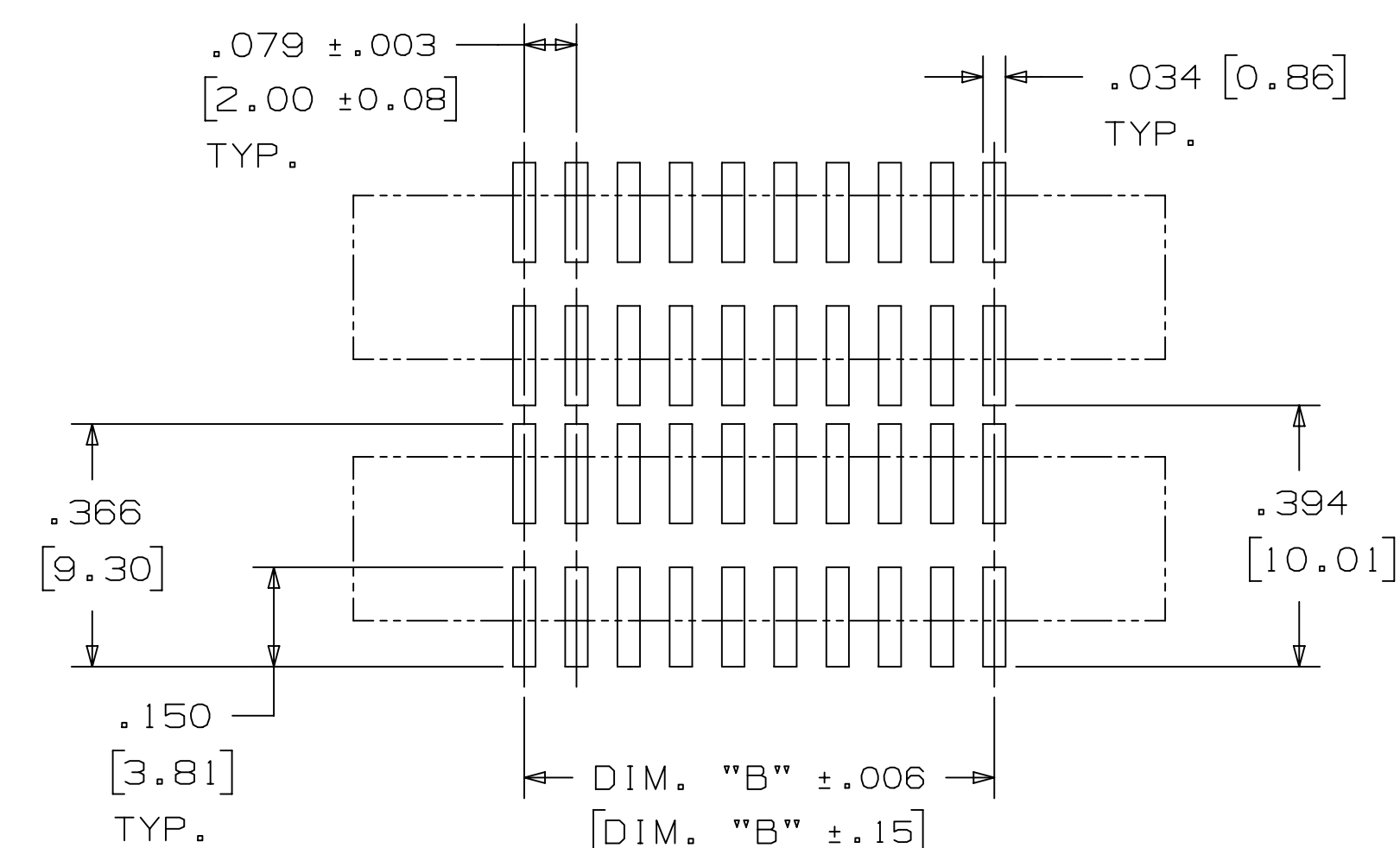
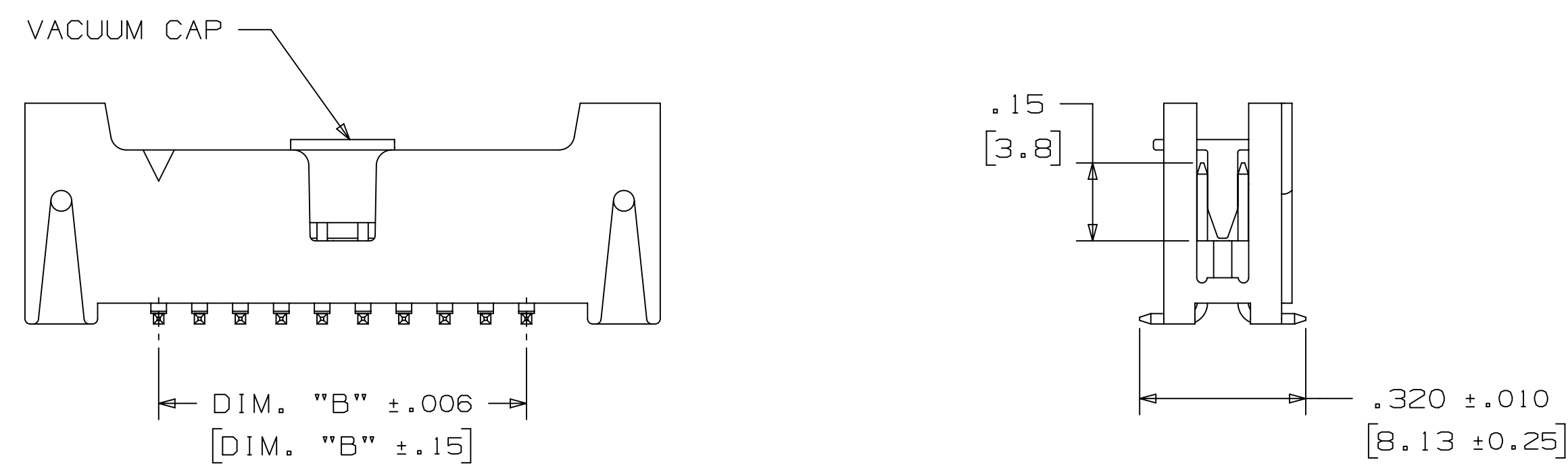
- PLATING OPTIONS:
- RB = 30µ" AVG. [.76µm] GOLD
 - RA = 10µ" AVG. [.25µm] GOLD

- SOLDER TAIL LENGTH:
DIMENSION "E"
- 2 = .112 [2.84]
 - 3 = .155 [3.94]

SURFACE MOUNT VERSION

NOTES:

- 1) TAPE & REEL PARTS ALWAYS SUPPLIED WITH VACUUM PICK-UP CAP.
- 2) TAPE & REEL NOT AVAILABLE WITH SCI LATCH OPTION.
- 3) TRAY PARTS SUPPLIED WITHOUT VACUUM PICK-UP CAP.



RECOMMENDED PC BOARD PATTERN
(VIEWED FROM CONNECTOR SIDE)

ORDERING INFORMATION

1552XX-2X00-XX-XX

CONTACT QUANTITY: []

- LATCHING OPTIONS:
- 2 = LATCH, MOLDED-ON SOCKET WITH LATCHING EARS, SERIES: 870, 2MM
 - 3 = LATCH, PRESS-ON SOCKET, SERIES: 1522
 - 4 = LATCH, 2MM SCI CARRIER ONLY, SERIES 93XX

- PLATING OPTIONS:
- RB = 30µ" AVG. [.76µm] GOLD
 - RA = 10µ" AVG. [.25µm] GOLD

- PACKAGING:
BLANK = TRAYS
WX = TAPE & REEL
(SEE TABLE 1 ORDER CODE)

REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
N	99400	SEP 20, 2021 REVISE ELECTRICAL PERFORMANCE	JNC	FJR
M	97385	JUN 02, 2021 REMOVED G1552XX, REVISED NOTES	JNC	FJR
L	58601	AUG 11, 2016 8-11-16 ADD SHT 4 REVISE TRADEMAKE NOTE JUN 01, 2016 PRODUCTION RELEASE, APR 29, 2016	JNC	RS

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
				JAN 21, 2015		

DO NOT SCALE DRAWING	SCALE 4/1	TOLERANCES EXCEPT AS NOTED
THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 2018	MILLIMETERS ± 2
MAX SURFACE ROUGHNESS	MARKED ONLY	ANGLES

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TITLE	LATCH/EJECT HEADER, 2MM, STRAIGHT, RIGHT ANGLE & SMT
CAGE NUMBER	D78-5100-2199-7
MODEL	1552
REV.	N
DET.	1515
YES	NO
SHT 3 OF 4	

3M™ LATCH/EJECT HEADER, 1552 SERIES
 2MM X 2MM STRAIGHT & RIGHT ANGLE, THROUGH-HOLE, STRAIGHT & SURFACE MOUNT

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REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
N	99400	SEP 20,2021 REVISE ELECTRICAL PERFORMANCE	JNC	FJR
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DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD

DRG CODES	DATE	DATE	DATE
	JAN 21,2015	JAN 21,2015	JAN 21,2015

DIVISION	DIVISION CODE	DATE	DATE
	EMSD		

DO NOT SCALE DRAWING	SCALE	TOLERANCES EXCEPT AS NOTED
<input type="checkbox"/>	1	INCHES .0 ± .1 .00 ± .01 .000 ± .008 .0000 ± .0002

THIRD ANGLE PROJECTION	MILLIMETERS
<input checked="" type="checkbox"/>	0 ± 2 .0 ± .3 .00 ± .20 .000 ± .005

MAX SURFACE ROUGHNESS	ALL SURFACES	MARKED ONLY
<input checked="" type="checkbox"/>		

TITLE	CAGE NUMBER	SIZE	DRAWING NO.	REV.
LATCH/EJECT HEADER, 2MM, STRAIGHT, RIGHT ANGLE & SMT	D		78-5100-2199-7	N

MODEL	1552	DET	LISTS	YES	NO	SHT 4 OF 4

78-5100-2199-7
DRAWING NUMBER

REVISION