## imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

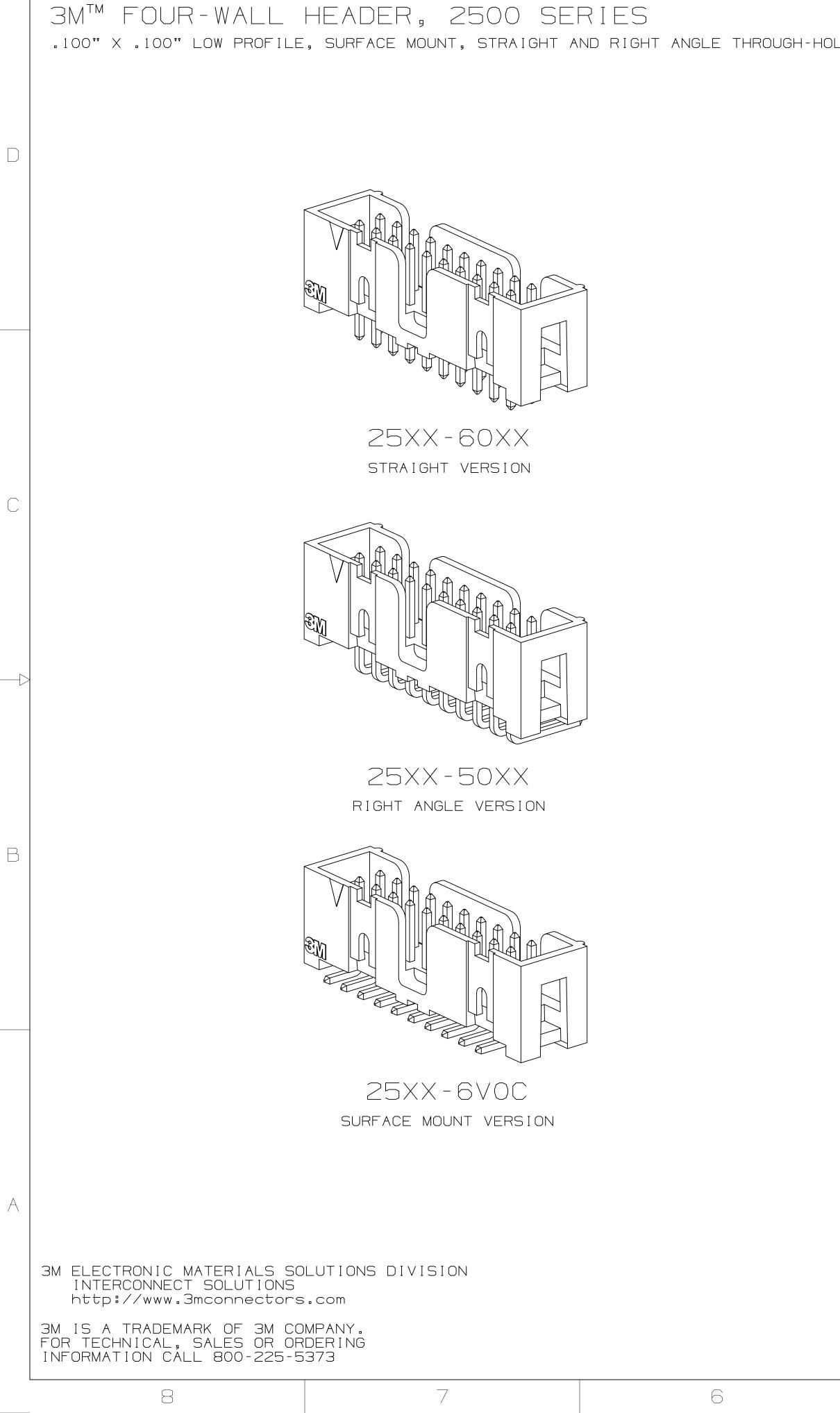
We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832 Email & Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





	5 4 3 2 1 NOTES	+
IOLE	<ul> <li>LOW PROFILE, SPACE SAVING DESIGN.</li> <li>CENTER SLOT POLARIZATION PREVENTS MIS-INSERTIONS AND REDUCES INSERTION TIME.</li> <li>DUAL SLOT POLARIZATION MEANS BROADER COMPATIBILITY WITH COMPETITIVE POLARIZATION DESIGNS (NOT AVAILABLE ON 6, 8 OR 10 POSITIONS).</li> <li>OPTIONAL RELIABILITY IN VIBRATION-FROME ENVIRONMENTS.</li> <li>OPTIONAL RELIABILITY IN VIBRATION-FROME ENVIRONMENTS.</li> <li>HIGH TEMPERATURE INSULATOR SUITABLE FOR REFLOW SOLDERING USING "PASTE IN HOLE" TECHNIQUES.</li> <li>EXPOSED SOLDER TAILS (ON RIGHT ANGLE VERSION) PROVIDE EASE OF CLEANING AND REDUCED REPAIR COST.</li> <li>STRAIGHT SURFACE MOUNT VERSION AVAILABLE.</li> <li>MICH SURFACE ACTION AVAILABLE.</li> </ul>	•
	<pre>2 PHYSICAL:</pre>	C
	<pre>2 ELECTRICAL: 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: &gt;1 X 10°Ω AT 500 V<sub>CC</sub> WITHSTANDING VOLTAGE: 1,000V<sub>RMS</sub> AT SEA LEVEL</pre>	0770-7 Nevision
	ENVIRONMENTAL: Temperature rating: -55°C to 105°C Process rating: 260°C, per J-Std-020C, single pass Disture sensitivity level: 1 (per J-Std-020C)	
		maged: N.1 8/5/2016 1



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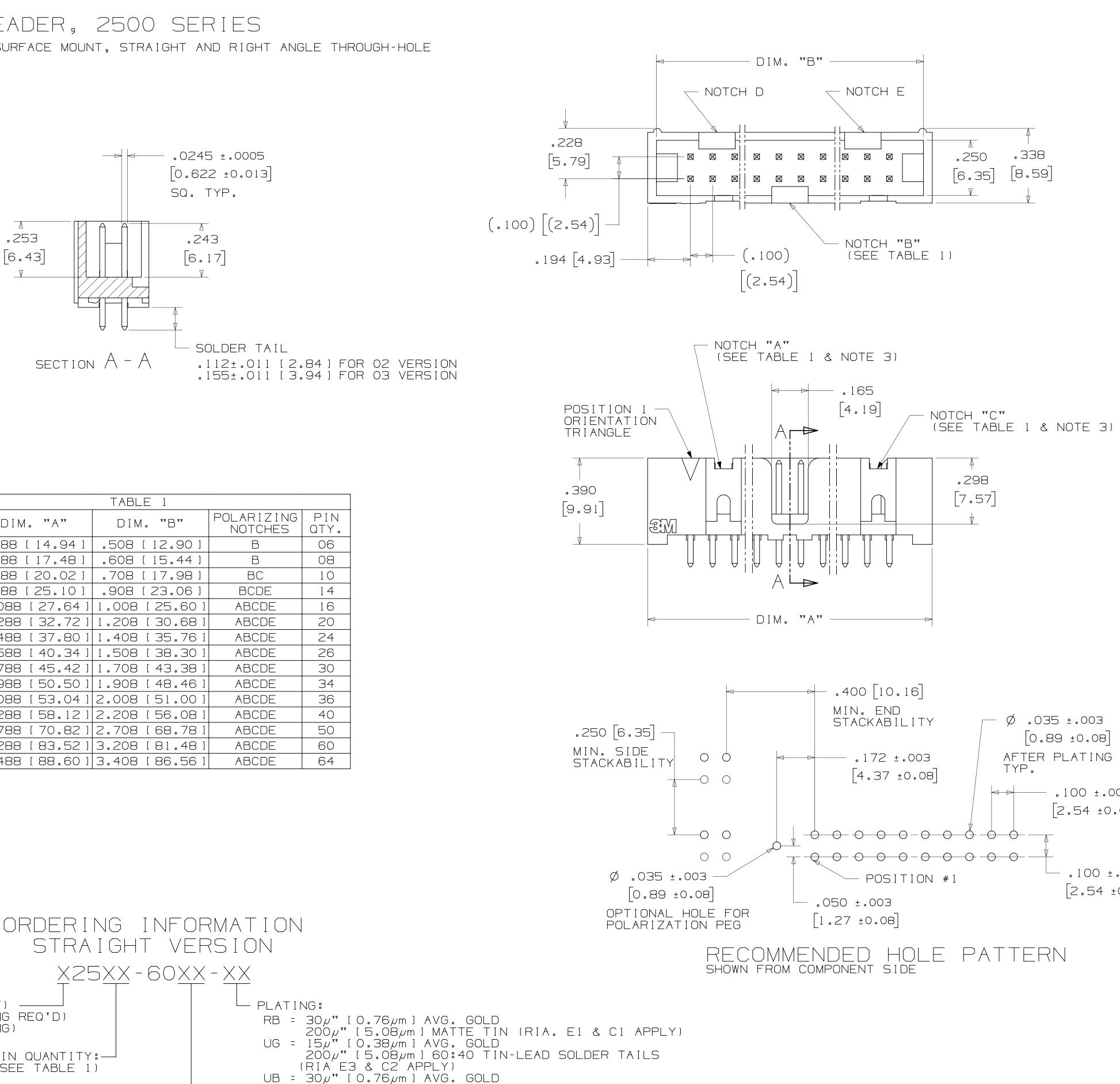
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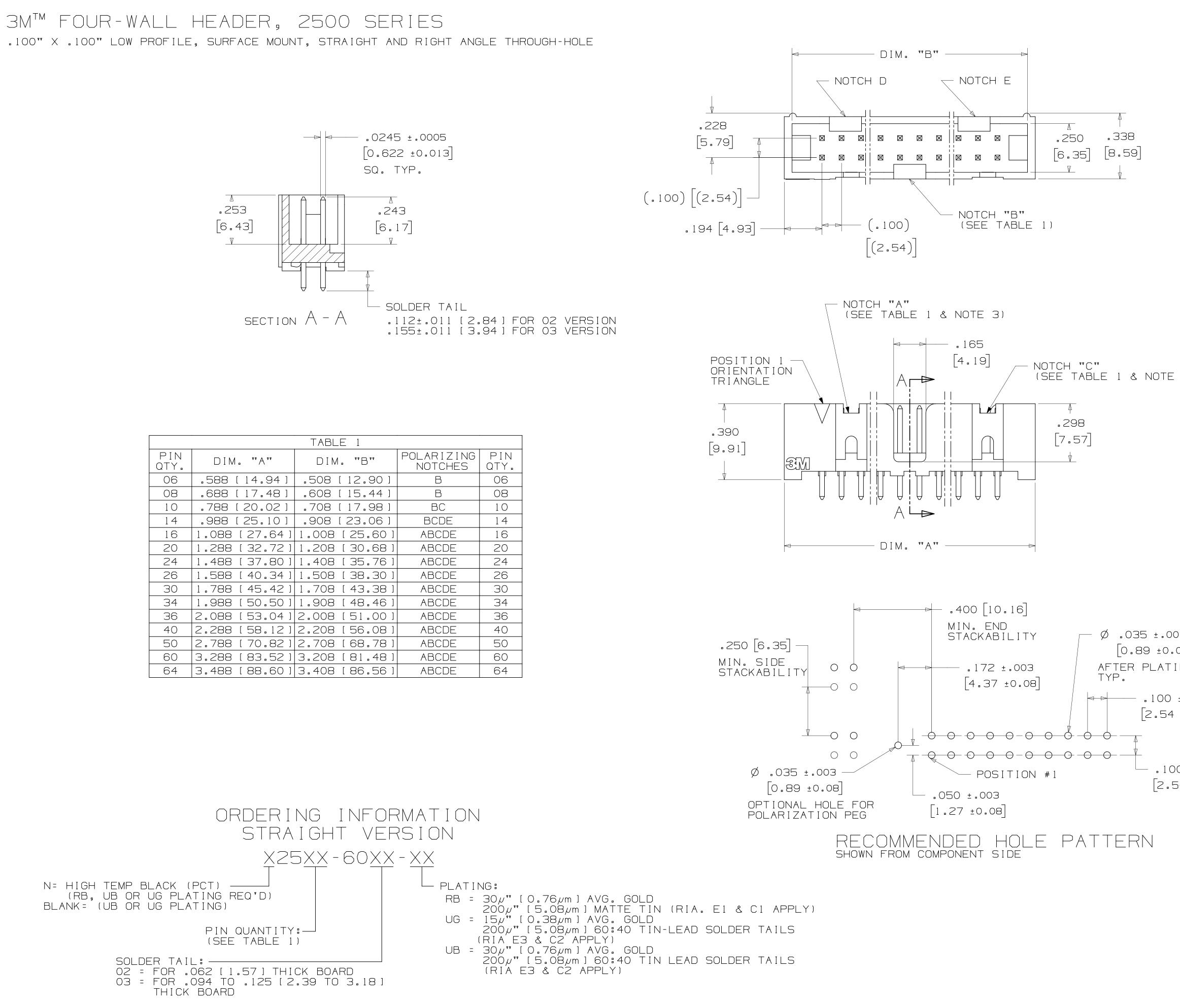
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	TABLE 1								
PIN QTY.	DIM. "A"	DIM. "B"	POLARIZING NOTCHES	PIN qty.					
06	.588 [14.94]	.508 [ 12.90 ]	В	06					
08	.688 [17.48]	.608 [ 15.44 ]	В	80					
10	.788 [20.02]	.708 [ 17.98 ]	BC	10					
14	.988 [25.10]	.908 [23.06]	BCDE	14					
16	1.088 [27.64]	1.008 [25.60]	ABCDE	16					
20	1.288 [32.72]	1.208 [30.68]	ABCDE	20					
24	1.488 [37.80]	1.408 [35.76]	ABCDE	24					
26	1.588 [40.34]	1.508 [38.30]	ABCDE	26					
30	1.788 [45.42]	1.708 [43.38]	ABCDE	30					
34	1.988 [50.50]	1.908 [48.46]	ABCDE	34					
36	2.088 [53.04]	2.008 [51.00]	ABCDE	36					
40	2.288 [58.12]	2.208 [56.08]	ABCDE	40					
50	2.788 [70.82]	2.708 [68.78]	ABCDE	50					
60	3.288 [83.52]	3.208 [81.48]	ABCDE	60					
64	3.488 [88.60]	3.408 [86.56]	ABCDE	64					



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					78-5100-0770-7 NEVISION
] G					B
003 D.08]					
±0.03 ±0.08]					
	N 689	REVISE D	2,2016 )IM ON SHT2 & RT ON SHT5	JNC S	- 05:00
DESIGN REFERENCE NEXT ASSEN	IBLY REV E	REVISED	1,2014 AND REDRAWN AND DESCRIPTION 4		IO AM UTC
SCALE <u>4</u> EXC DRAWING 1	N CODE ERANCES CEPT AS NOTED NCHES	3M Center This document	APPVL <b>R. SCHERER</b> 3 M COPYRIGHT <b>2016</b> t and the information it and may not be reproduced without 3M permission, or her than for 3M authorize eserved.	contains are	
.0 .00 .000 THIRD ANGLE PROJECTION .0000 INTERPRET PER ASME Y14.5 - 2009 0	± .01 ± .005 0 ±	HEADER, -PRO, .: MT, STR/			. N. 1 8/
MAX SURFACE ROUGHNESS .0 .00 .00 .000 .000 .000 .000 .000	±.13 NUMBER	D 78-510	0-0770- Det Lists I yes & no   S 1	7 R	I maged

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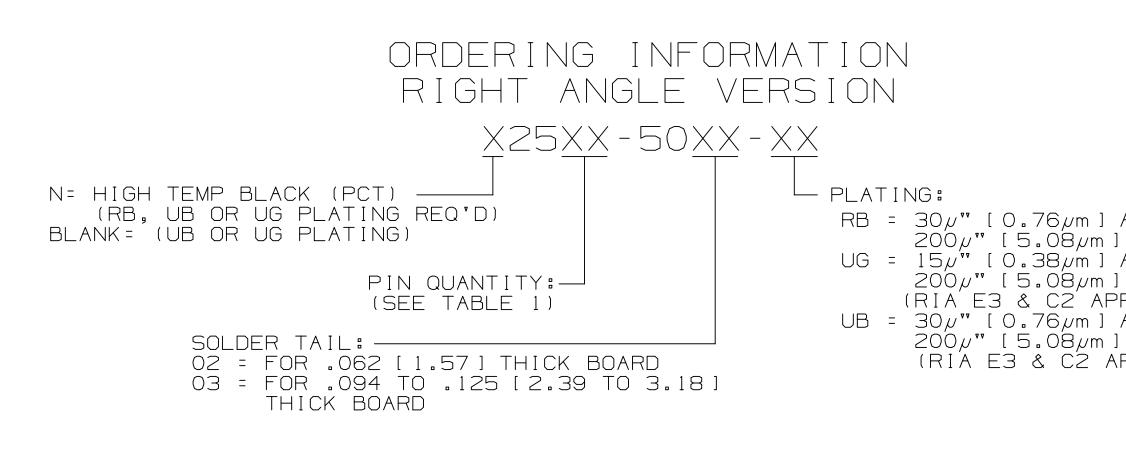
3M<sup>™</sup> Four-Wall Header, 2500 series .100" X .100" LOW PROFILE, SURFACE MOUNT, STRAIGHT AND RIGHT ANGLE THROUGH-HOLE - .0245 ±.0005 0.622 ±0.013 SQ. TYP. .253 .243 **.**390 [6.43] [6.17] [9.91] .100 [2.54] — SOLDER TAIL .112±.011 [2.84] FOR 02 VERSION .155±.011 [3.94] FOR 03 VERSION SECTION B - B

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	TABLE 1							
PIN QTY.	DIM. "A"	DIM. "B"	POLARIZING NOTCHES	PIN QTY.				
06	.588 [14.94]	.508 [12.90]	В	06				
08	.688 [17.48]	.608 [ 15.44 ]	В	08				
10	.788 [20.02]	.708 [ 17.98 ]	BC	10				
14	.988 [25.10]	.908 [23.06]	BCDE	14				
16	1.088 [27.64]	1.008 [25.60]	ABCDE	16				
20	1.288 [32.72]	1.208 [30.68]	ABCDE	20				
24	1.488 [37.80]	1.408 [35.76]	ABCDE	24				
26	1.588 [40.34]	1.508 [38.30]	ABCDE	26				
30	1.788 [45.42]	1.708 [43.38]	ABCDE	30				
34	1.988 [50.50]	1.908 [48.46]	ABCDE	34				
36	2.088 [53.04]	2.008 [51.00]	ABCDE	36				
40	2.288 [58.12]	2.208 [56.08]	ABCDE	40				
50	2.788 [70.82]	2.708 [68.78]	ABCDE	50				
60	3.288 [83.52]	3.208 [81.48]	ABCDE	60				
64	3.488 [88.60]	3.408 [86.56]	ABCDE	64				



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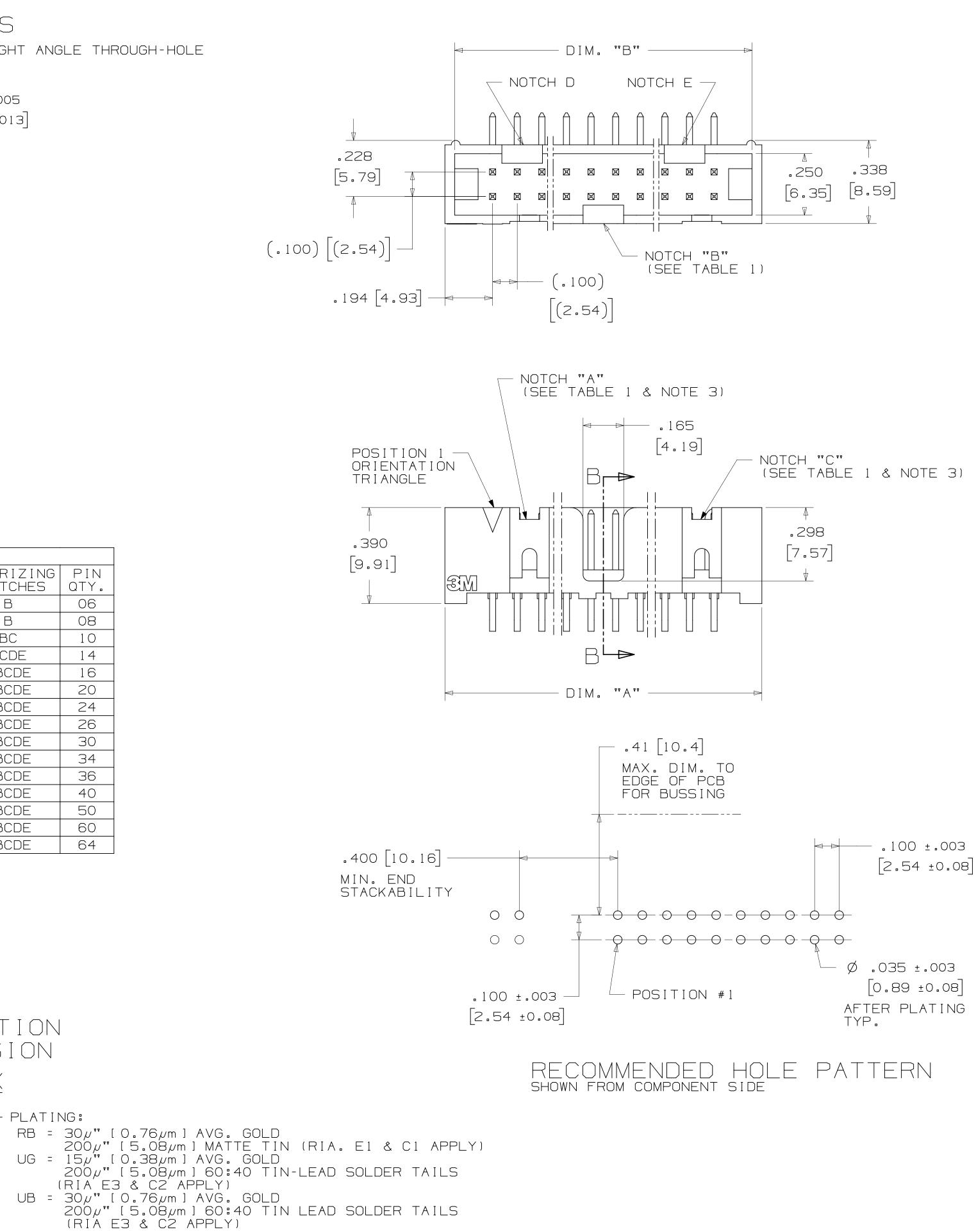
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		N 6	8908	AUG 02	,2016	JNC	SC	
					M ON SHT2 & T ON SHT5			
		M 5	6068	AUG 11	,2014	JNC	RS	
				REVISED A	ND REDRAWN			
	ASSEMBLY F	REV	ECO	ISSUE DATE AN	D DESCRIPTION	DRFT	CHKD	
ACCESS CODES			GLIONE	DATE AUG 11,2014	MFG	DATE		
		СНКД		DATE		SEP 05	5,2014	ŀ
Interconnect Solutions DO NOT SCALE SCALE <u>4</u> DRAWING 1 THIRD ANGLE PROJECTION INTERPRET PER ASME Y14.5 - 2009 MAX SURFACE ROUGHNESS SURFACES	.0       ±         .00       ±         .000       ±         .0000       ±         MILLIMETERS       0         0       ±         .00       ±         .00       ±         .00       ±	CAGE NUMBE MODEL	HE / 0 - P SMT	This document Paul, 55144 ADER, Consed other ADER, A	3M COPYRIGHT 2016 and the information it d may not be reproduced thout 3M permission, or r than for 3M authorize erved. 4 - WALL , 00 X . IGHT & 0 - 0770 -	1 OC RA	re s. REV. OF 5	
$\overline{}$					1		I.	

78-51 В

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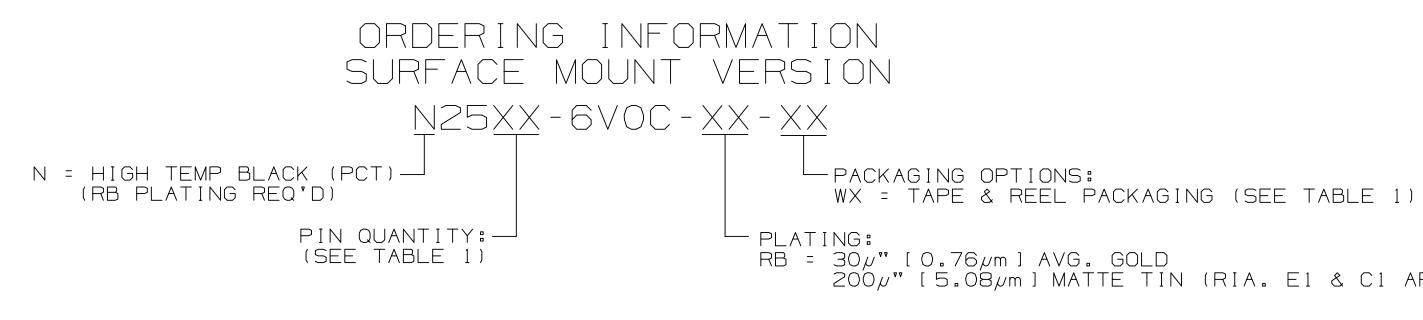
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8 6 7 3M<sup>™</sup> Four-Wall Header, 2500 series .100" X .100" LOW PROFILE, SURFACE MOUNT, STRAIGHT AND RIGHT ANGLE THROUGH-HOLE VACUUM CAP REMOVED — For clarity .0245 ±.0005 [0.622 ±0.013] .253 — [6.43] SQ. TYP. <u>2</u>43 .400 ±.010 [6.17] [10.16 ±0.25] .004 FOR LESS THAN 30 POS. .170 [4.32] -.006 FOR 30 AND ABOVE POS. .440 ±.010 [11.18 ±0.25]

SECTION C - C

		TABLE	1				
PIN QTY.	DIM. "A"	DIM. "B"	POLARIZING NOTCHES	TAPE AND REEL PKG CODE			
06	.588 [ 14.94 ]	.508 [ 12.90 ]	В	WD (44 MM)			
80	.688 [17.48]	.608 [ 15.44 ]	В	WD (44 MM)			
1 O	.788 [20.02]	.708 [ 17.98 ]	BC	WD (44 MM)			
14	.988 [25.10]	.908 [23.06]	BCDE	WD (44 MM)			
16	1.088 [27.64]	1.008 [25.60]	ABCDE	WD (44 MM)			
20	1.288 [32.72]	1.208 [30.68]	ABCDE	WE (56 MM)			
24	1.488 [37.80]	1.408 [35.76]	ABCDE	WE (56 MM)			
26	1.588 [40.34]	1.508 [38.30]	ABCDE	WE (56 MM)			
30	1.788 [45.42]	1.708 [43.38]	ABCDE	WF (72 MM)			
34	1.988 [50.50]	1.908 [48.46]	ABCDE	WF (72 MM)			
36	2.088 [53.04]	2.008 [51.00]	ABCDE	WG (88 MM)			
40	2.288 [58.12]	2.208 [56.08]	ABCDE	WG (88 MM)			
50	2.788 [70.82]	2.708 [68.78]	ABCDE	WG (88 MM)			
60	3.288 [83.52]	3.208 [81.48]	ABCDE	WH (120 MM)			
64	3.488 [88.60]	3.408 [86.56]	ABCDE	WH (120 MM)			

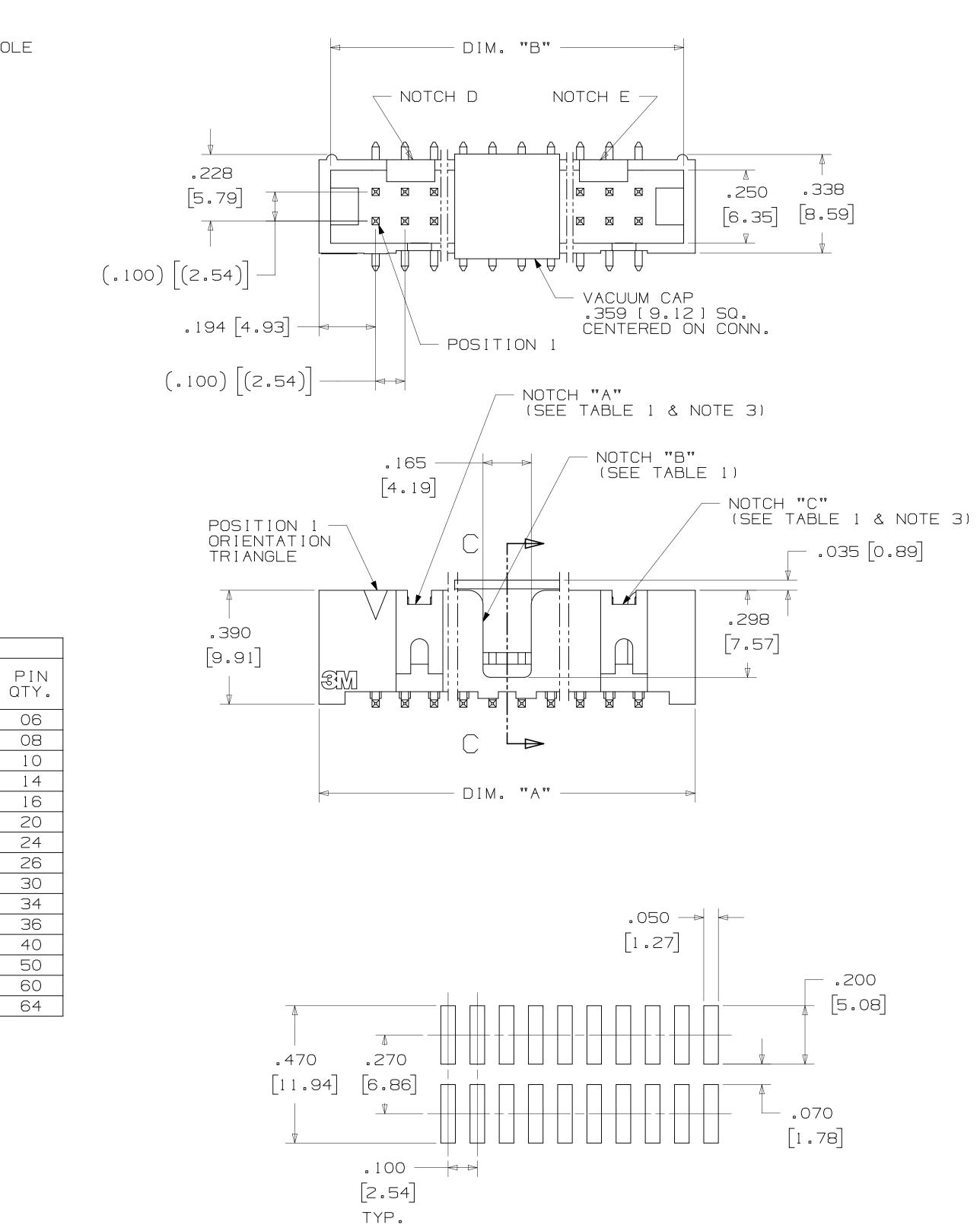


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RECOMMENDED PAD LAYOUT

RB = 30μ" [0.76μm] AVG. GOLD 200μ" [5.08μm] MATTE TIN (RIA. E1 & C1 APPLY)

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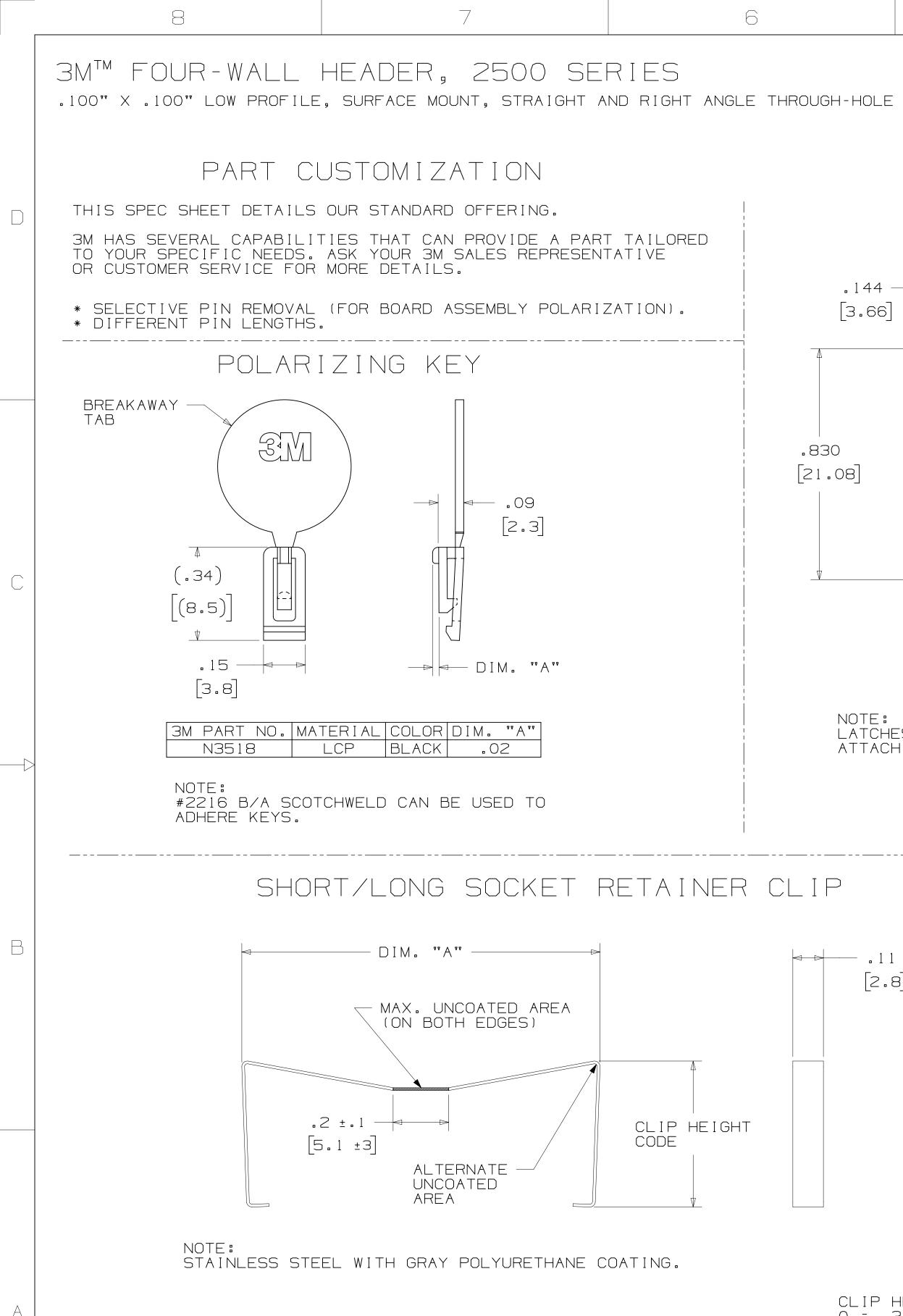
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			N	68908		AUG 02	2,2016	JNC	SC
							M ON SHT2 & RT ON SHT5		
			М	56068		AUG 11	,2014	JNC	RS
					F	REVISED A	ND REDRAWN		
DESIGN REFERE	ENCE NEXT	T ASSEMBLY	REV	ECO	IS	SUE DATE AN	ND DESCRIPTION	DRFT	CHKD
ACCESS CODES			DRFT CAS	TIGLIONE		AUG 11,2014	MFG	DATE	
			СНКД		E	DATE		SEP 05	5,2014
DIVISION DIVISION CODE Interconnect Solutions EMSD DO NOT SCALE TOLERANCES COALE A EXCEPT AS		3	© 3M COPYRIGHT 2016 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.					are er S.	
SCALE drawing	1	NOTED INCHES	ТІТЦ	 -		All rights res	erved.		
		.0 ± .00 ±.01 .000 ±.005		HE,	AD[ PRC	ER, ∠ 1 1	4-WALL, 00 X .	1 \(\C	
THIRD ANGLE	PROJECTION	.0000 ±	_			, g			9
INTERPRE ASME Y14.5		MILLIMETERS 0 ±		SMI	9	SIRA	IGHT &	RA	\
MAX SURFACE	ROUGHNESS SURFACES	0 ± .3 .00 ± .13 .000 ±		IBER <b>SIZE</b>	78	ng no. -510(	)-0770-	7	REV.
	RKED ONLY	ANGLES	MOD	<sup>EL</sup> 2500 SE	RIES		et. Ists □yes⊠no S	6HT <b>4</b>	OF 5

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LOW PROFILE LATCH POLARIZING POST . 144 — <del>|</del> <u>.</u>204 5.18 [3.00] .267 6.78 --⊳ .043 **.**370 **.**573 [1.09] 9.40 [14.55] .082 Ø .030 · .057 .118 [2.08] [0.76] 1.45 [3.00] PART NO. MATERIAL COLOR PART NO. MATERIAL COLOR 3201-3 PCT 3505-33B NYLON BLACK BLACK LATCHES NOT COMPATIBLE WITH REFLOW SOLDERING. ATTACH LATCHES AFTER SOLDERING.

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[2.8]

PIN QTY.	DIM. "A"				
06	N/A				
80	NZA				
10	.81 [20.6]				
14	1.02 [25.9]				
16	1.12 [28.4]				
20	1.32 [33.5]				
24	1.52 [38.7]				
26	1.63 [41.4]				
30	1.83 [46.4]				
34	2.03 [51.6]				
36	NZA				
40	2.33 [59.2]				
50	2.83 [71.9]				
60	3.33 [84.6]				
64	3.53 [89.7]				

3505 - 8XXXCLIP HEIGHT CODE \_\_\_\_\_ O = .31 [7.9] FOR SOCKETS └─ PIN COUNT (SEE TABLE) WITHOUT STRAIN RELIEF 1 = .53 [ 13.5 ] FOR SOCKETS WITH STRAIN RELIEF NOTE : 1) THE FOLLOWING RETAINER CLIPS HAVE BEEN DISCONTINUED: 3505-8064 3505-8124 3505-8150

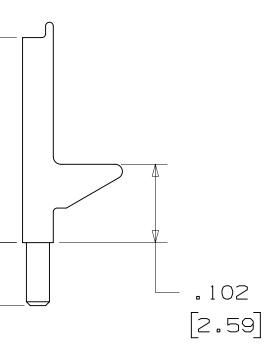
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		1	ı				1	
		N	68908		AUG 02	2,2016	JNC	SC
						M ON SHT2 & RT ON SHT5		
		М	56068		AUG 11	,2014	JNC	RS
				F	REVISED A	ND REDRAWN		
DESIGN REFERENCE NEXT	ASSEMBLY	REV	ECO	IS	SUE DATE AN	ND DESCRIPTION	DRFT	СНКД
ACCESS CODES		DRFT	TIGLIONE	, ,	NUG 11,2014	MFG	DATE	
		СНКД		C	ATE		SEP 05	5,2014
DIVISION	DIVISION CODE				Ô	3M COPYRIGHT 2016	; ;	
Interconnect Solutions	EMSD		ме	Center	This document	and the information it	containe	are
DO NOT SCALE SCALE <u>4</u> DRAWING 1	TOLERANCES EXCEPT AS NOTED		St.	. Paul, 55144	JM property an distributed wi disclosed othe All rights res	id may not be reproduced thout 3M permission, or r than for 3M authorize erved.	or furth used or d purpose	er s.
THIRD ANGLE PROJECTION	INCHES .0 ± .00 ± .01 .000 ± .005 .0000 ±	TITLE	HE, _0-F	PRC	, <u> </u>	4-WALL, 00 X .	1 O C	) ,
INTERPRET PER ASME Y14.5 - 2009	MILLIMETERS O ±		SMT	9	SIRA	IGHT &	RA	<b>\</b>
MAX SURFACE ROUGHNESS	.0 ±.3 .00 ±.13 .000 ±	NŪM		drawi 78	-5100	)-0770-	7	REV.
MARKED ONLY	ANGLES	MOD	<sup>EL</sup> 2500 SE	RIES		ET. Ists □yes⊠no   5	SHT 5	OF 5