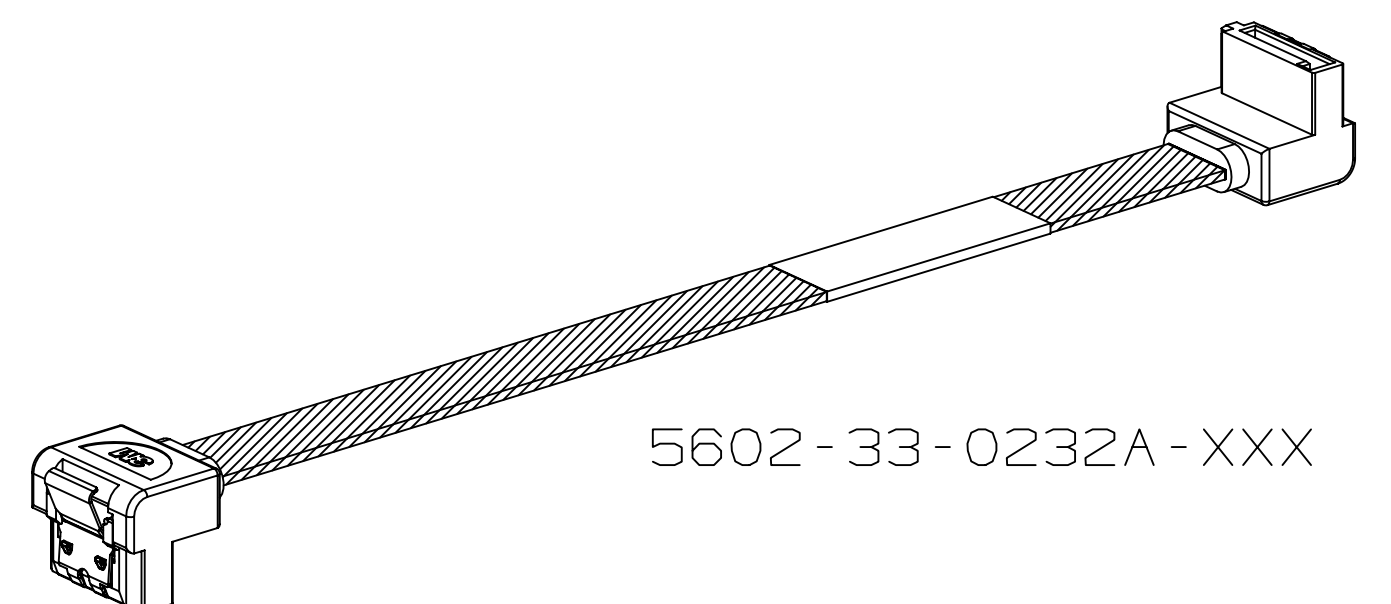
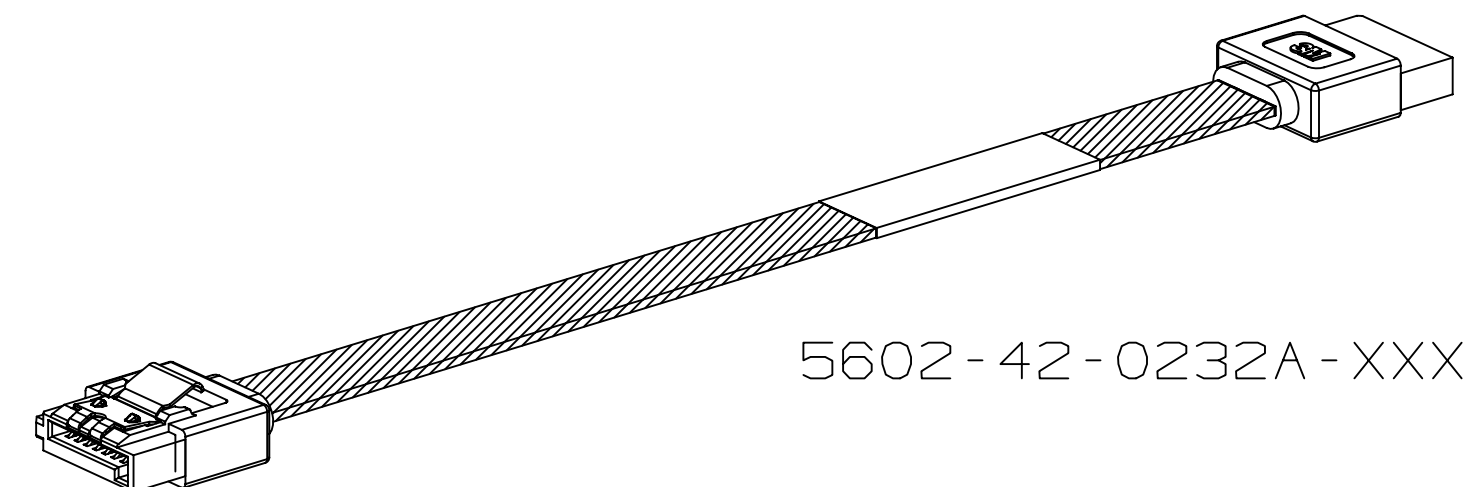
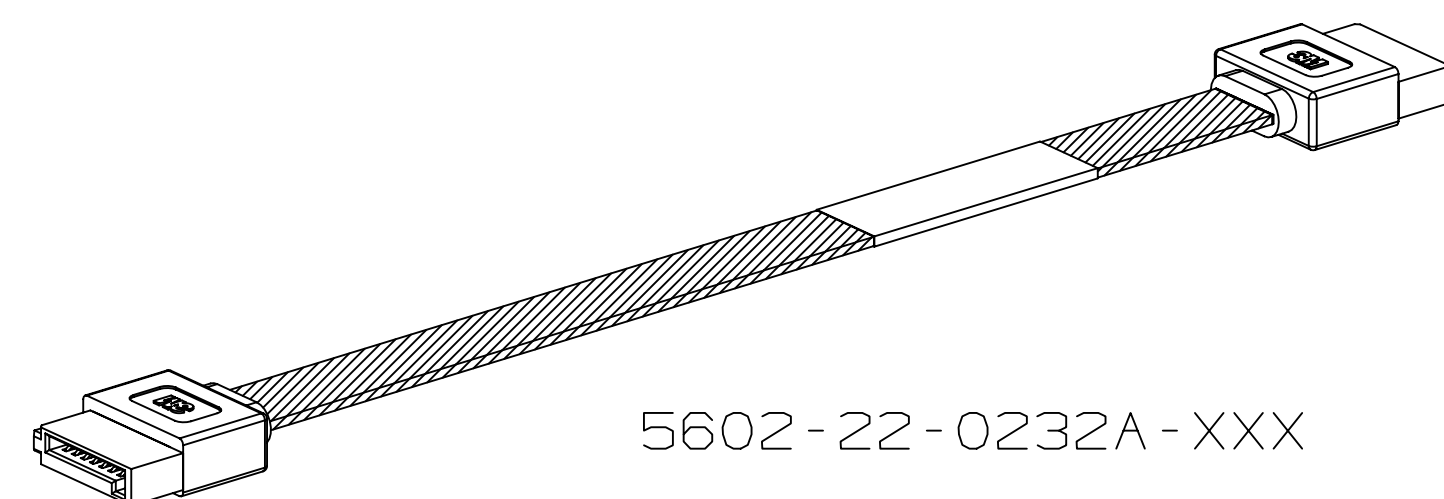
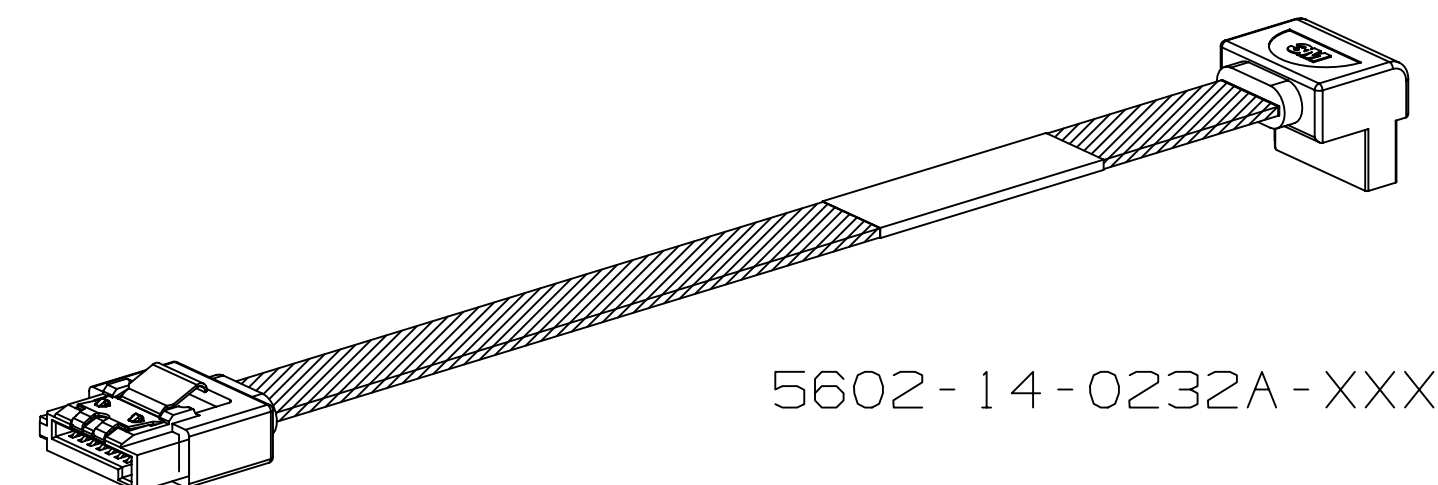
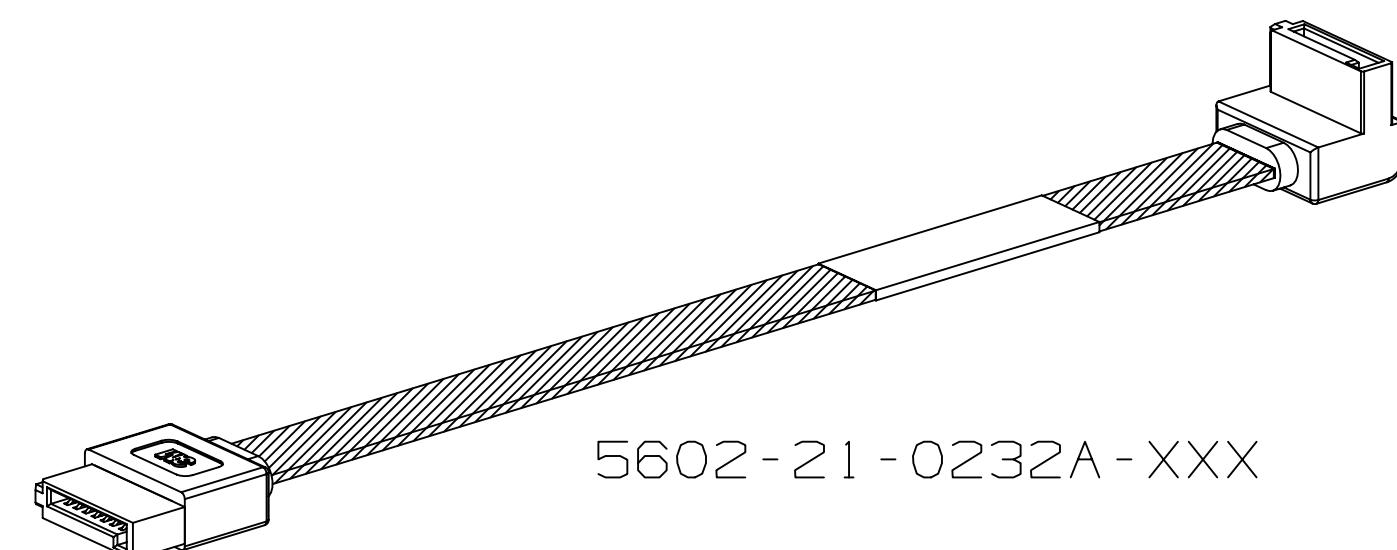
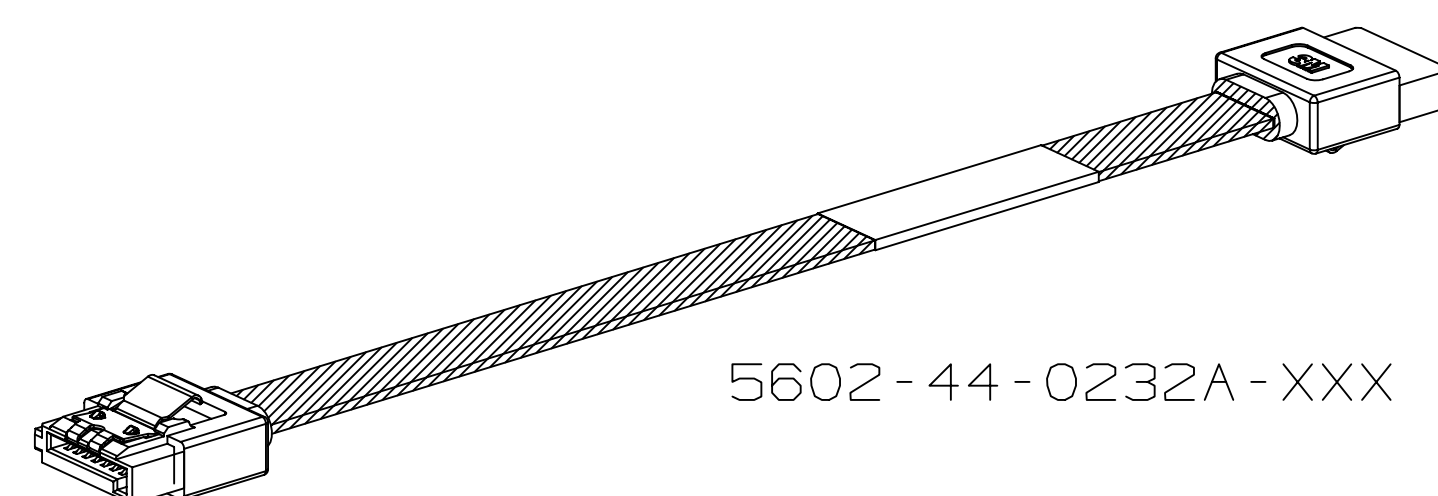
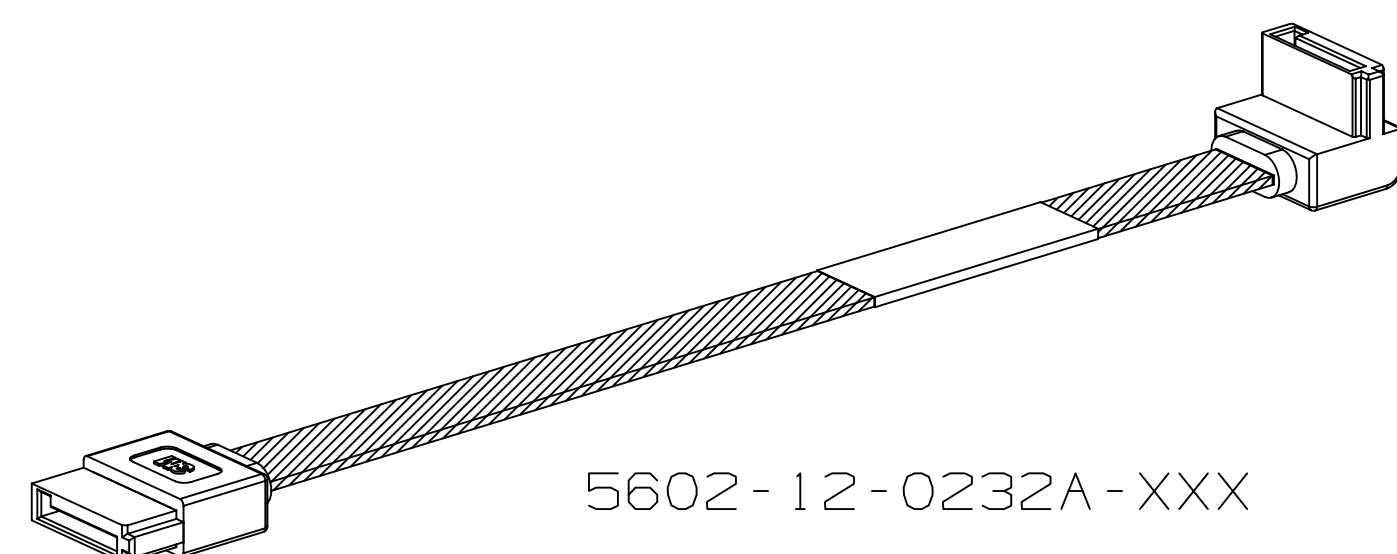
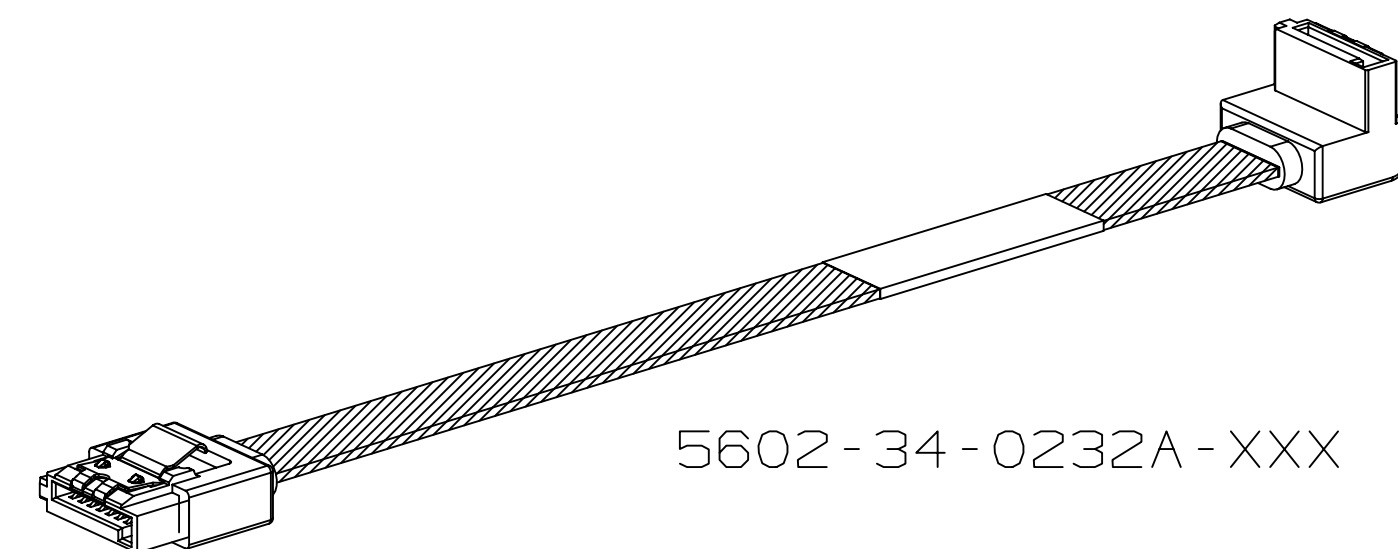
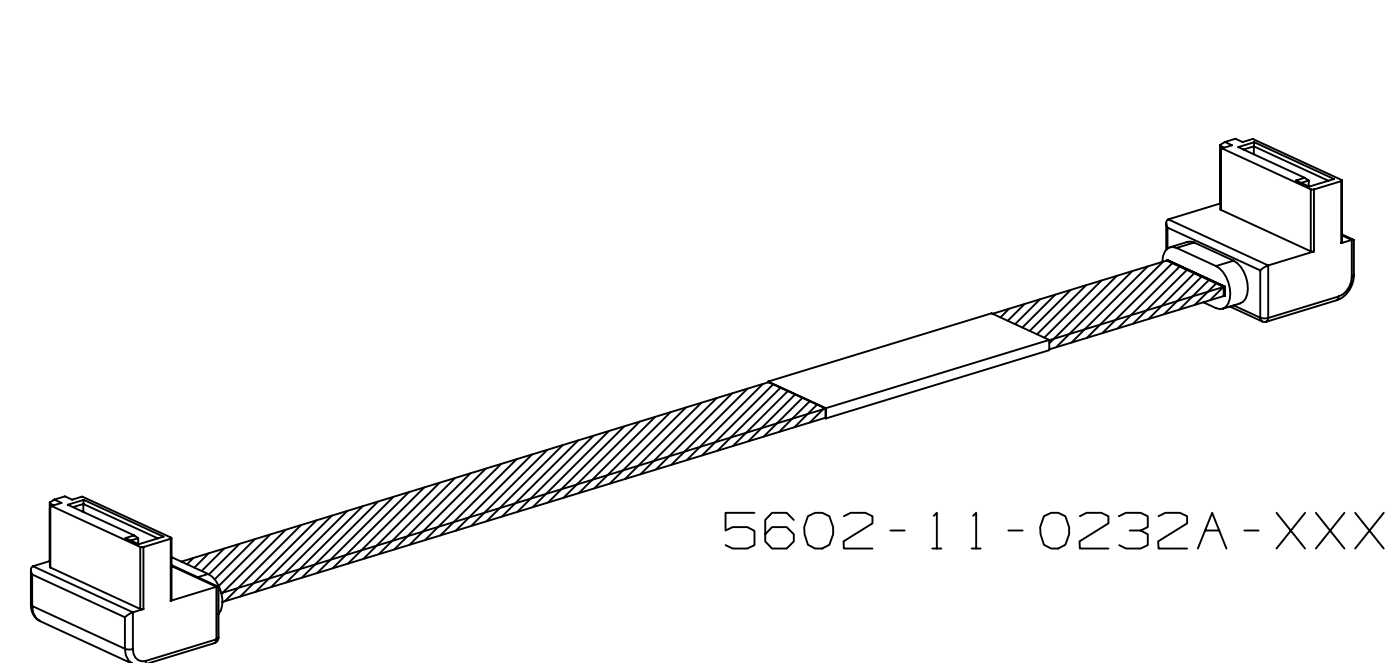


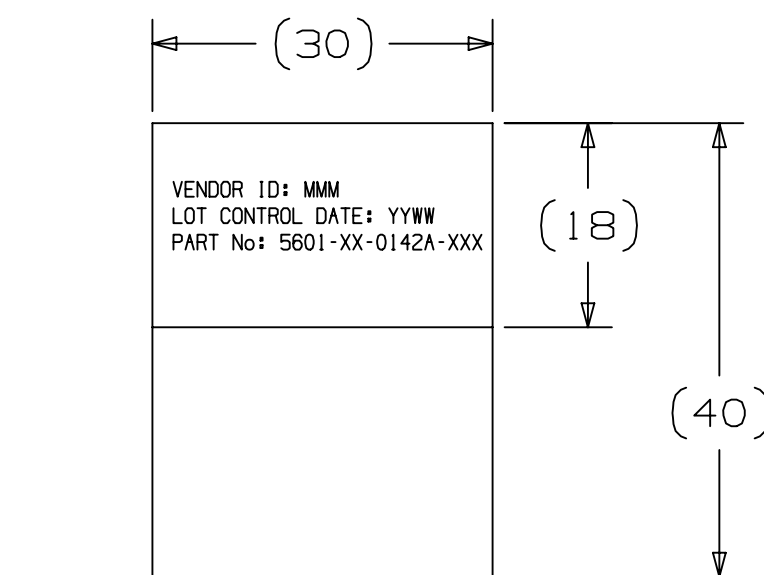
3M™ HIGH ROUTABILITY INTERNAL SATA CABLE ASSEMBLY WITH JACKET, 5602 SERIES

7 PIN TWINAX CABLE ASSEMBLY, STRAIGHT AND RIGHT ANGLE, WITH AND WITHOUT LATCH



PIN OUT, TYPICAL

P1	TYPE	TYPE	P2
1	G	G	1
2	A+	A+	2
3	A-	A-	3
4	G	G	4
	G	G	
5	B-	B-	5
6	B+	B+	6
7	G	G	7




LABEL
(TYPICAL DIMENSIONS)

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

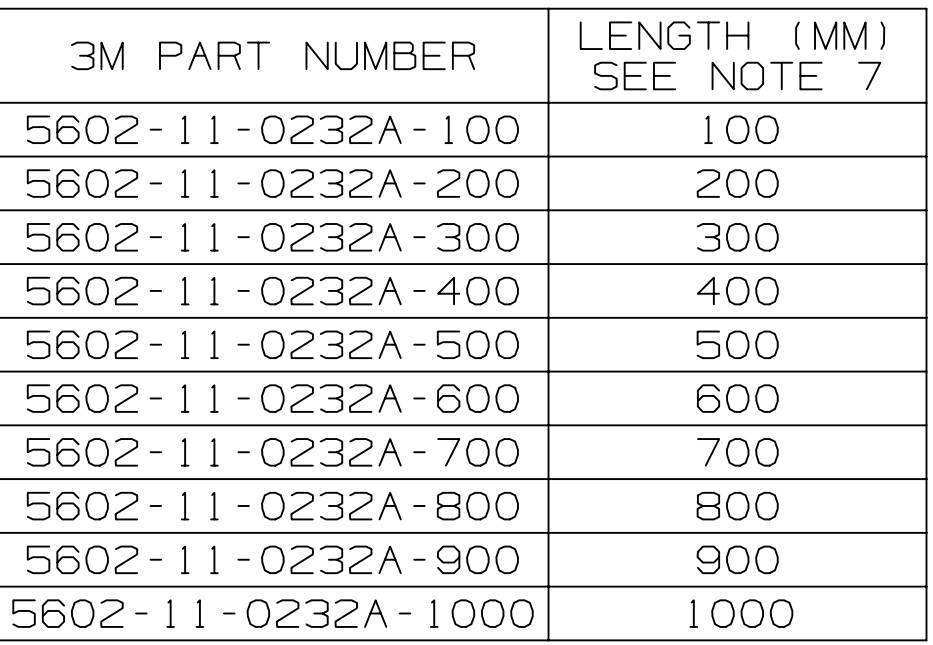
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INFORMATION CALL 800-225-5373

NOTES

- | | |
|----|--|
| 1. | REGULATORY INFORMATION:
VISIT 3M.com/regs |
| 2. | FOR CUSTOM CABLE LENGTH,
CONTACT 3M SALES REP. |
| 3. | CABLE PART NUMBER:
SL90T1-1QN-BNSP. |
| 4. | PRODUCT SPECIFICATION: PS-0117. |
| 5. | PVC OVERMOLDING AND PE INNER
MOLDING AT BOTH ENDS. |
| 6. | PRODUCT MEETS SATA 3.0 SIGNAL
INTEGRITY SPECIFICATIONS. |
| 7. | LENGTH TOLERANCE:
±5 MM FOR LENGTHS LESS THAN 0.5 M.
±10 MM FOR LENGTHS 0.5 TO 1.0 M. |
| 8. | 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. |
| 9. | SEE TS-4897 FOR STANDARD SATA
7 PIN TWINAX CABLE ASS'Y. |
| 10 | CABLE, PVC JACKETED:
* RIBBON TWINAX, SL90T1-1QN-BNSP.
* 1.2MM THICKNESS.
* UL: AWM 21008.
* VOLTAGE RATING: 150V.
* TEMPERATURE RATING: 80C°.
* SIGNAL WIRES:
30 AWG SILVER PLATED COPPER. |
| 11 | SATA CONNECTORS:
* 7 PIN FEMALE, STRAIGHT OR
RIGHT ANGLE.
* COLOR:
BLACK, GLASS FILLED PBT.
* PLATING: 15µ" AU. |

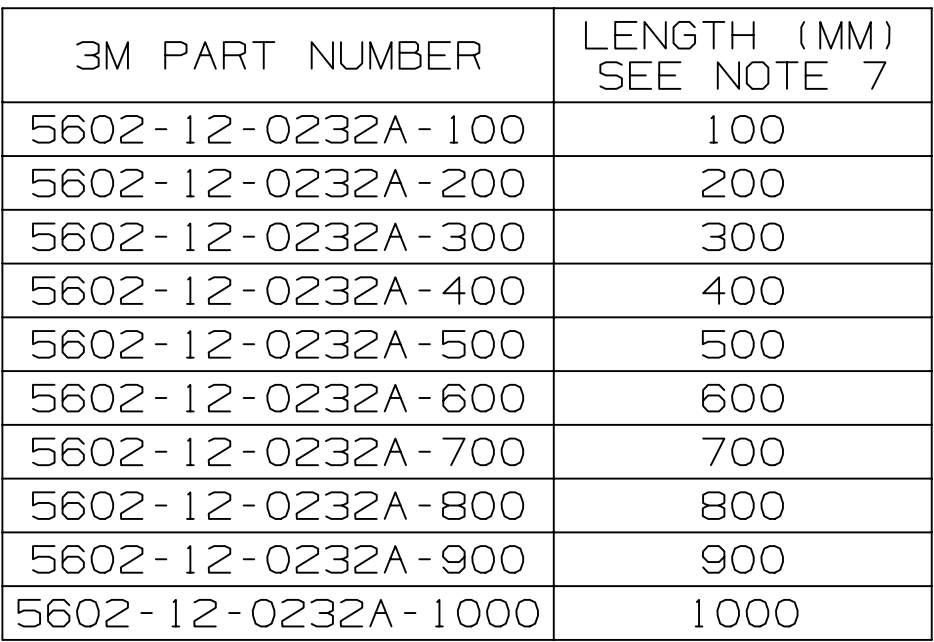
B	114719	MAY 14, 2016			JNC	MML
REVISED AND REDRAWN						
A	71119	JUL 02, 2016				
PRODUCTION RELEASE						
REV	ECO	ISSUE DATE AND DESCRIPTION				CHKD
DRFT RAO VITTPALLI		DATE 02, 2016	MPG			DATE
DRG RAO VITTPALLI		DATE JUL 02, 2016	APPROV SAJJIT BANDHU			DATE JUL 02, 2016
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TITLE <h1 style="text-align: center;">HIGH ROUTABILITY INTERNAL SATA CABLE ASS'Y, SACKET</h1>						
CAGE NUMBER	D	DRAWING NO. 78-5100-2591-5				REV. B
MODEL 5602	DET. <input type="checkbox"/> LISTS <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		SHT 1 OF 7			

NOTES	
1.	REFER TO SHEET 1 FOR NOTES.




RIGHT ANGLE TO RIGHT ANGLE
WITHOUT LATCHES
ORDERING INFORMATION
5602-11-0123A-~~XXX~~

LENGTH IN MM,
XXX REFERS TO 1000mm.

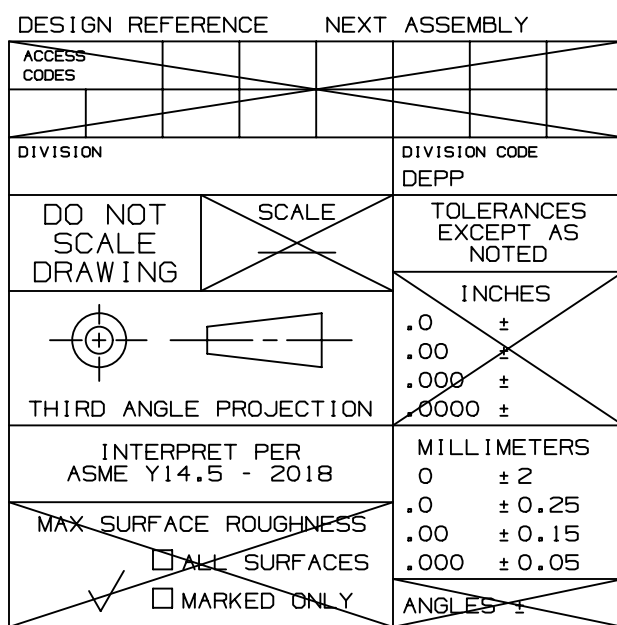


STRAIGHT TO RIGHT ANGLE
WITHOUT LATCHES
ORDERING INFORMATION
5602-12-0232A-~~XXX~~

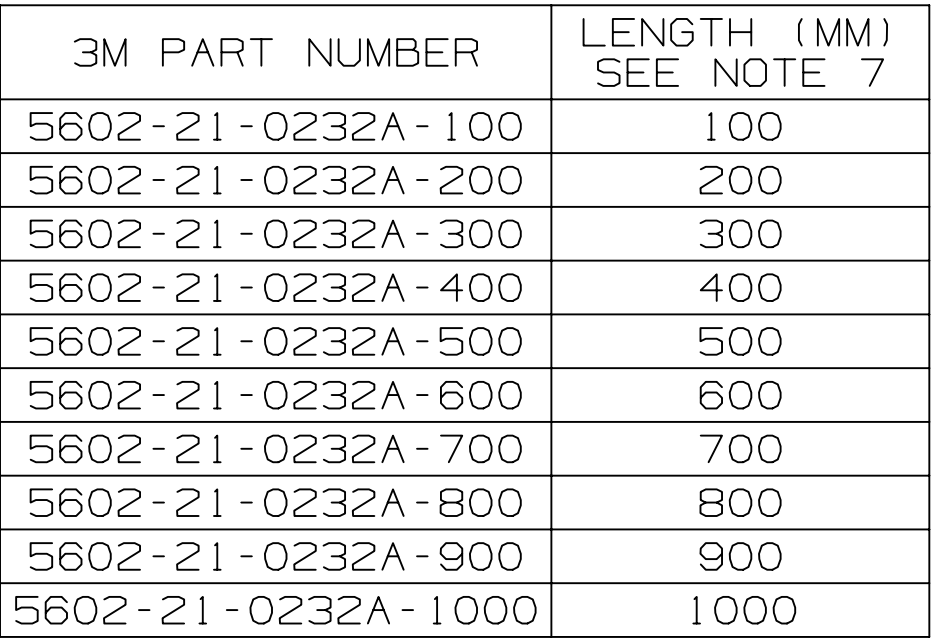
LENGTH IN MM,
XXX REFERS TO 1000mm.

B	114747	MAY 14, 2024		JNC	MML
A	47119	REVISED AND REDRAWN			
		JUL 02, 2016			
		PRODUCTION RELEASE			
REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
CHG RAC	VITTAPALLI	DATE JUL 02, 2016	MFG	DATE	
CHG RAC	VITTAPALLI	DATE JUL 02, 2016	APPRV SAJJIT BANDHU	DATE JUL 02, 2016	
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TITLE					
HIGH ROUTABILITY INTERNAL SATA CABLE ASS'Y, JACKET					
CAGE NUMBER	SIZE	DRAWING NO.			REV.
D	78	5100-2591-5			B
MODEL	5602	DET. LISTS	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	SHT 2 OF 7	

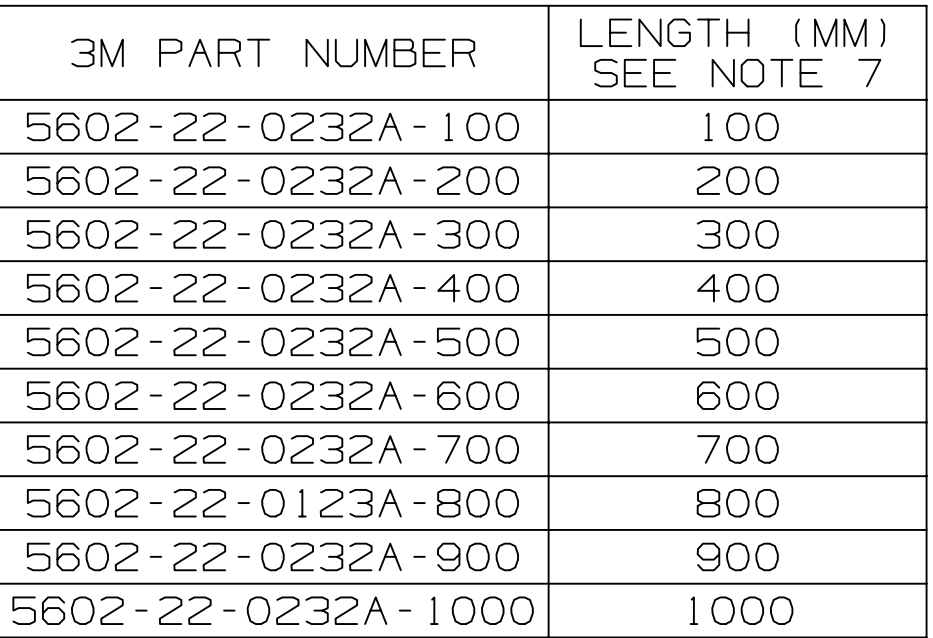
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NOTES	
1.	REFER TO SHEET 1 FOR NOTES.



LENGTH IN MM,
XXX REFERS TO 1000mm.

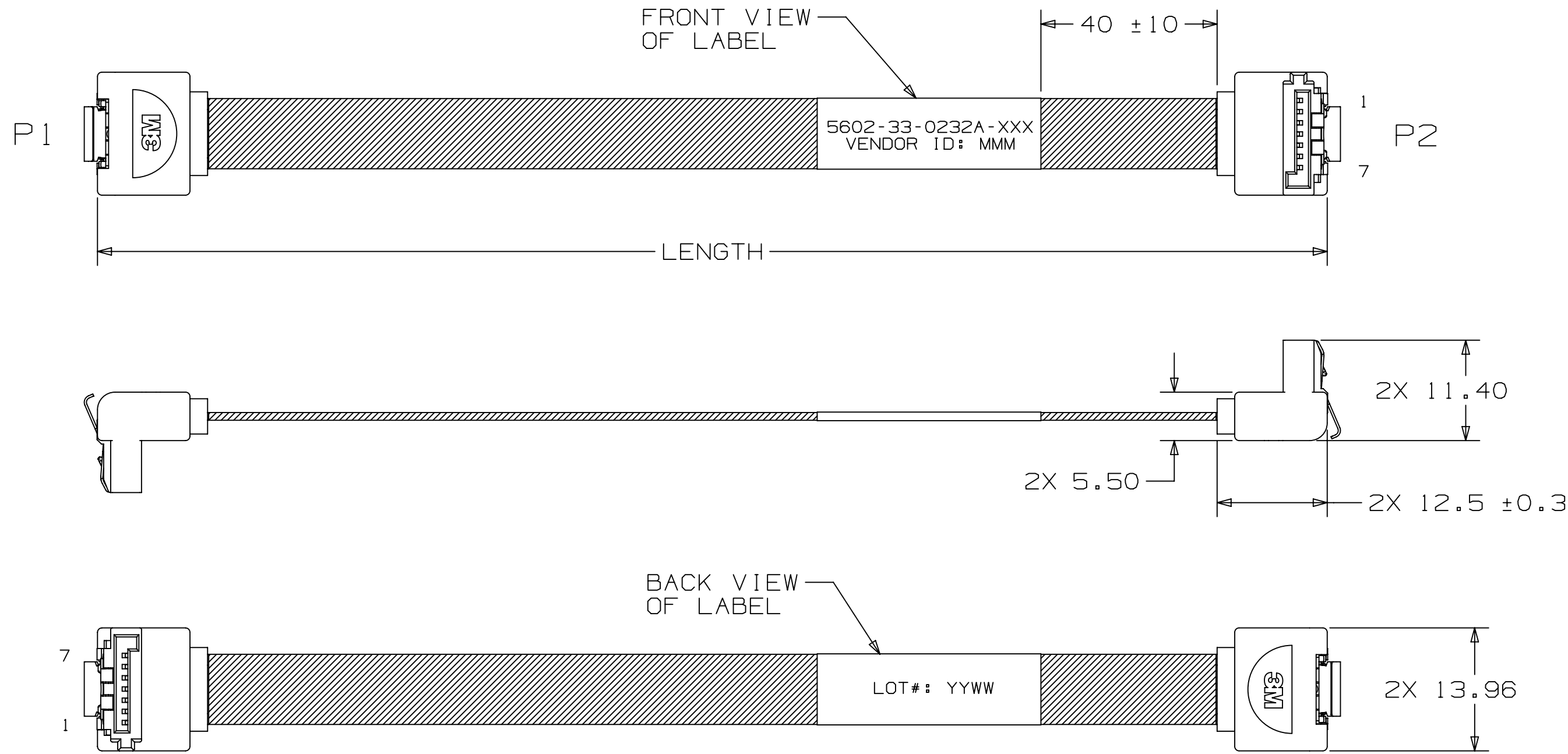


LENGTH IN MM,
XXX REFERS TO 1000mm.

B	114747	MAY 14, 2024				JNC	MM
A	47119	REVISED AND REDRAWN					
		JUL 02, 2016					
		PRODUCTION RELEASE					
REV	ECO	ISSUE DATE AND DESCRIPTION				DRFT	CHK
CHD	RND	VITTAPALLI	DATE	JUL 02, 2016	MFG	DATE	
CHD	RND	VITTAPALLI	DATE	JUL 02, 2016	APPL	SAJJIT BANDHU	DATE
						JUL 02, 20	
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<p>TITLE</p> <p>HIGH ROUTABILITY INTERNAL SATA CABLE ASS'Y, JACKET</p>							
CAGE NUMBER	SIZE	DRAWING NO.				REV	
D		78-5100-2591-5				E	
MODEL	S602	DET. LISTS		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	SHT 3 OF		

3M™ HIGH ROUTABILITY INTERNAL SATA CABLE ASSEMBLY WITH JACKET, 5602 SERIES
7 PIN TWINAX CABLE ASSEMBLY, STRAIGHT AND RIGHT ANGLE, WITH AND WITHOUT LATCH

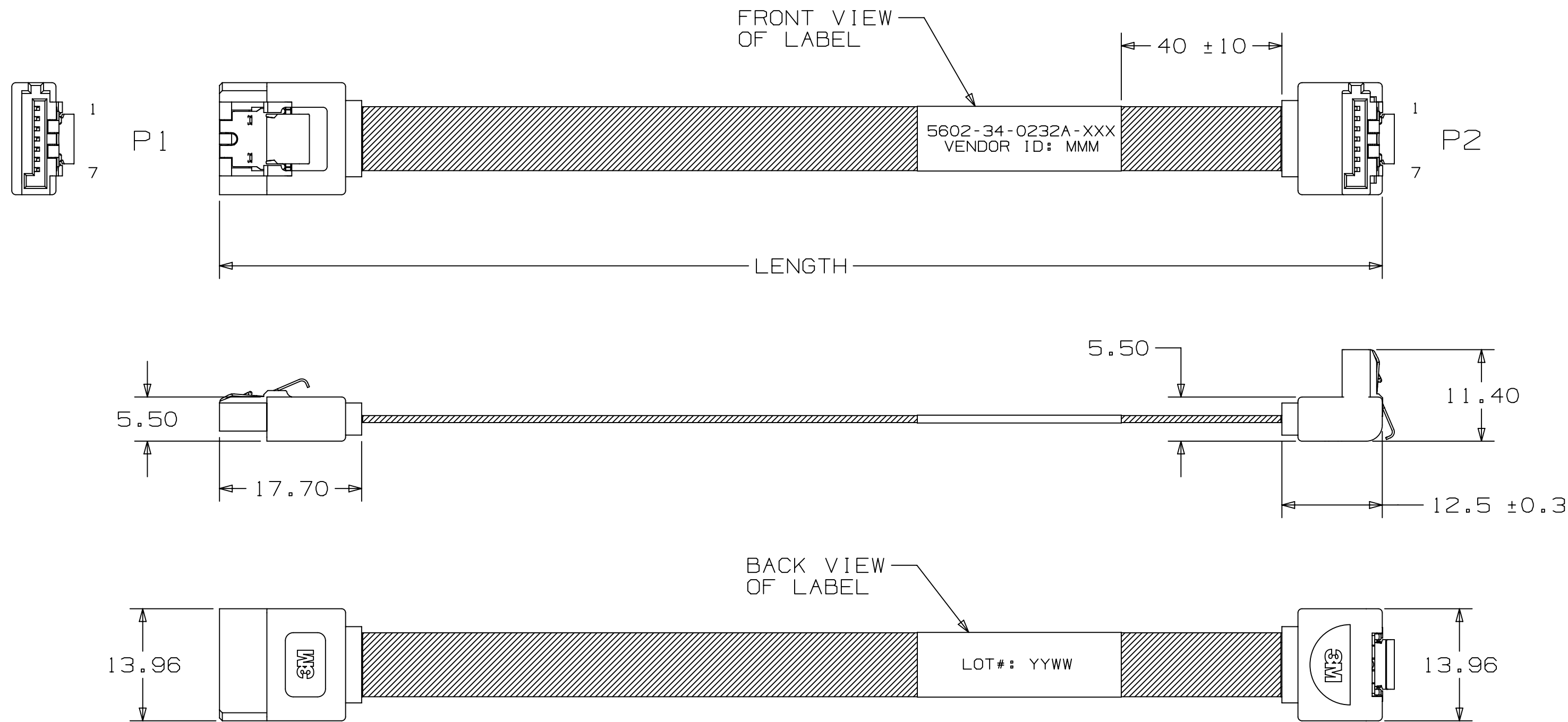
NOTES
1. REFER TO SHEET 1 FOR NOTES.



3M PART NUMBER	LENGTH (MM) SEE NOTE 7
5602-33-0232A-100	100
5602-33-0232A-200	200
5602-33-0232A-300	300
5602-33-0232A-400	400
5602-33-0232A-500	500
5602-33-0232A-600	600
5602-33-0232A-700	700
5602-33-0232A-800	800
5602-33-0232A-900	900
5602-33-0232A-1000	1000

RIGHT ANGLE TO RIGHT ANGLE
WITH LATCHES
ORDERING INFORMATION
5602-33-0232A-XXX

LENGTH IN MM,
XXX REFERS TO 1000mm.



3M PART NUMBER	LENGTH (MM) SEE NOTE 7
5602-34-0232A-100	100
5602-34-0232A-200	200
5602-34-0232A-300	300
5602-34-0232A-400	400
5602-34-0232A-500	500
5602-34-0232A-600	600
5602-34-0232A-700	700
5602-34-0232A-800	800
5602-34-0232A-900	900
5602-34-0232A-1000	1000

STRAIGHT TO RIGHT ANGLE
WITH LATCHES
ORDERING INFORMATION
5602-34-0232A-XXX

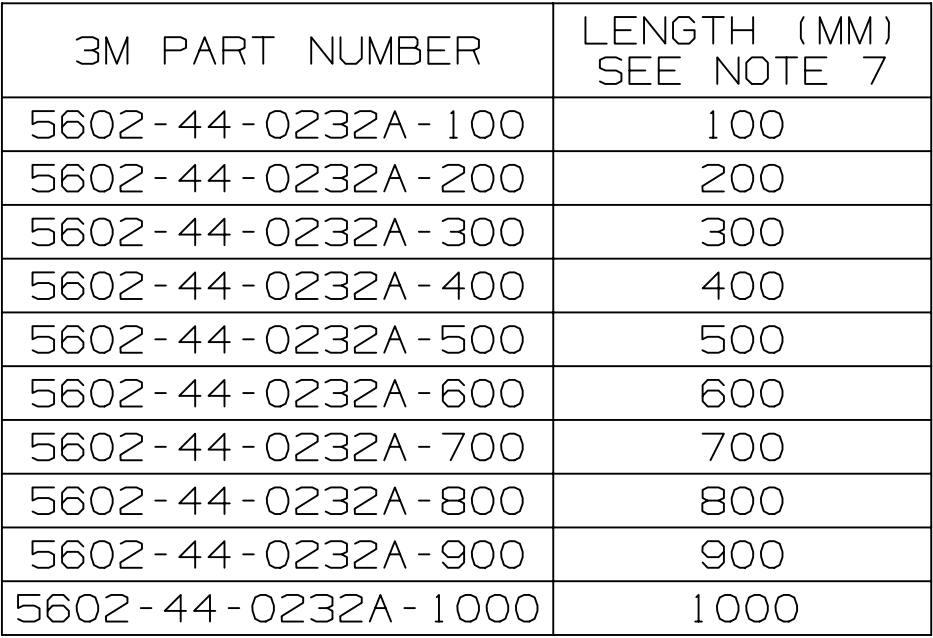
LENGTH IN MM,
XXX REFERS TO 1000mm.

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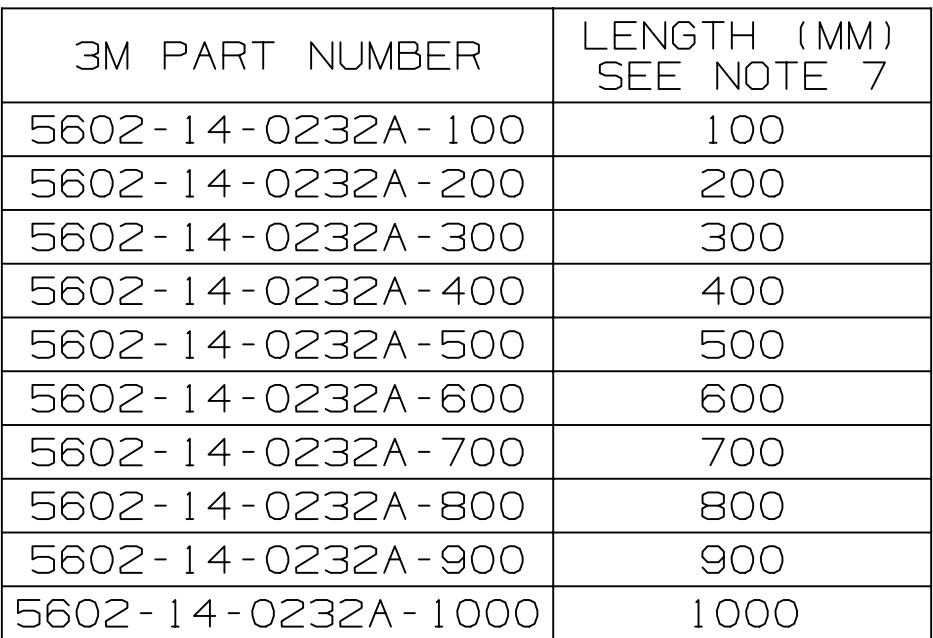
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DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
XXXXX		RAO VITTAPALLI	DATE	JUL 02,2016	DATE	
DIVISION	DIVISION CODE	DEPT	DATE	JUL 02,2016	DATE	JUL 02,2016
DO NOT SCALE DRAWING	SCALE	TOLERANCES EXCEPT AS NOTED	INCHES	0.00 ±	0.00 ±	0.000 ±
THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 2018	MILLIMETERS	0 ±	0 ±	0 ±	0 ±
MAX SURFACE ROUGHNESS	MAX SURFACE ROUGHNESS	MAX SURFACE ROUGHNESS	MAX SURFACE ROUGHNESS	MAX SURFACE ROUGHNESS	MAX SURFACE ROUGHNESS	MAX SURFACE ROUGHNESS
MARKED ONLY	MARKED ONLY	MARKED ONLY	MARKED ONLY	MARKED ONLY	MARKED ONLY	MARKED ONLY
TITLE		CAGE NUMBER		SIZE	DRAWING NO.	REV.
HIGH ROUTABILITY INTERNAL SATA CABLE ASS'Y, JACKET		D78-5100-2591-5		B		
MODEL		5602		LISTS		YES NO SHT 4 OF 7

NOTES	
1.	REFER TO SHEET 1 FOR NOTES.




LENGTH IN MM,
XXX REFERS TO 1000mm.



LENGTH IN MM,
XXX REFERS TO 1000mm.

B	114747	MAY 14, 2024			JNC	MM
A	47119	REVISED AND REDRAWN				
		JUL 02, 2016				
		PRODUCTION RELEASE				
REV	ECO	ISSUE DATE AND DESCRIPTION			DRFT	CHK
DRFT	RAO VITTPALLI	DATE	JUL 02, 2016	INFO	DATE	
CHRD	RAO VITTPALLI	DATE	JUL 02, 2016	APPR	SAJJIT BANDHU	DATE
						JUL 02, 2016



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TITLE

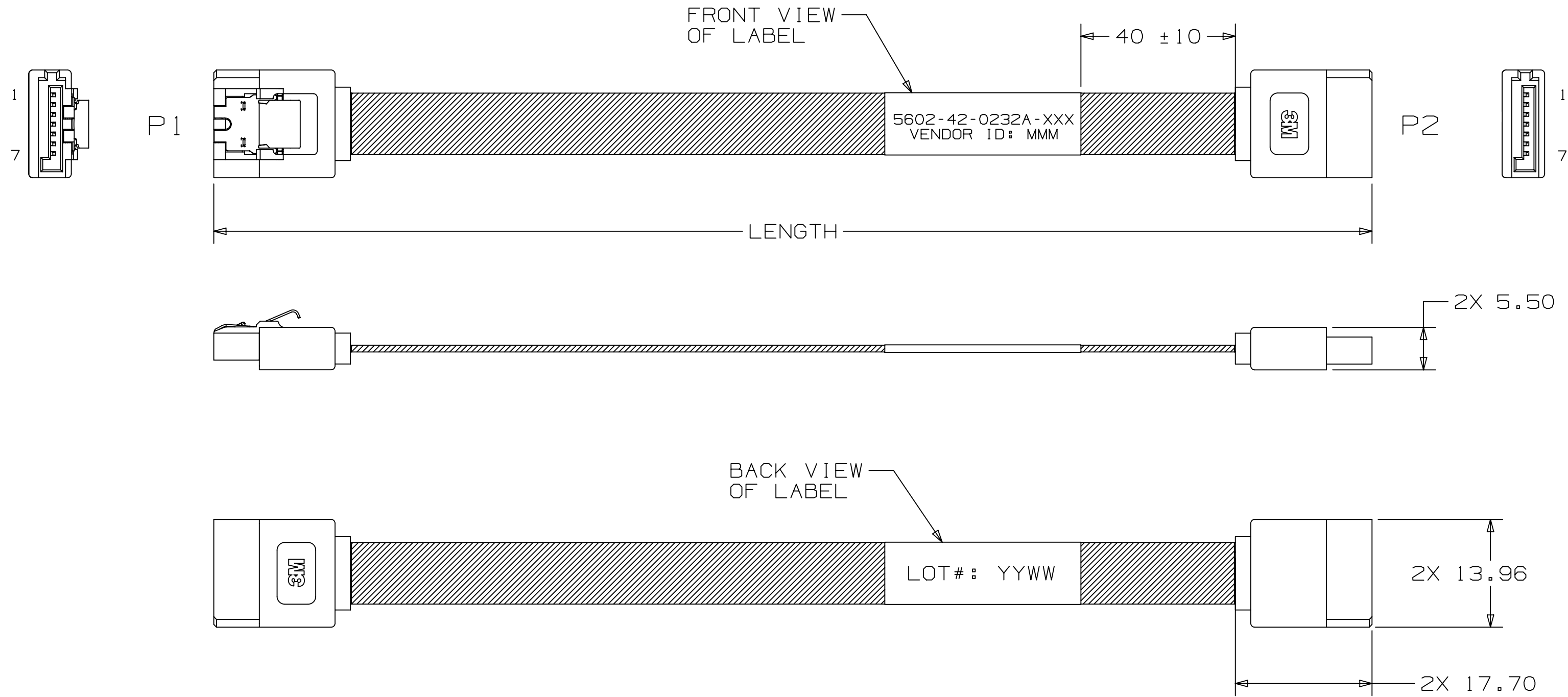
HIGH ROUTABILITY INTERNAL DATA CABLE ASS'Y, JACKET

CAGE NUMBER	SIZE	DRAWING NO.	REV
D	78-5100-2591-5		E

MODEL	5602	DET. LISTS	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	SHT 5 OF
-------	------	------------	---	----------

3M™ HIGH ROUTABILITY INTERNAL SATA CABLE ASSEMBLY WITH JACKET, 5602 SERIES
7 PIN TWINAX CABLE ASSEMBLY, STRAIGHT AND RIGHT ANGLE, WITH AND WITHOUT LATCH

NOTES
1. REFER TO SHEET 1 FOR NOTES.



3M PART NUMBER	LENGTH (MM) SEE NOTE 7
5602-42-0232A-100	100
5602-42-0232A-200	200
5602-42-0232A-300	300
5602-42-0232A-400	400
5602-42-0232A-500	500
5602-42-0232A-600	600
5602-42-0232A-700	700
5602-42-0232A-800	800
5602-42-0232A-900	900
5602-42-0232A-1000	1000

STRAIGHT LATCH TO
STRAIGHT WITHOUT LATCH
ORDERING INFORMATION
5602-42-0232A-XXX

LENGTH IN MM,
XXX REFERS TO 1000mm.

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				B 114719		MAY 14, 2024		JNC		MML	
				A 47119		REVISED AND REDRAWN					
						JUL 02, 2016					
						PRODUCTION RELEASE					
DESIGN REFERENCE				NEXT ASSEMBLY				REV		ECO	
ACCESS CODES								DATE		DATE	
								RAO VITTAPALLI		JUL 02, 2016	
								RAO VITTAPALLI		JUL 02, 2016	
								APPL SAJJIT BANDHU		JUL 02, 2016	
DIVISION				DIVISION CODE							
				DEPT							
DO NOT SCALE DRAWING				TOLERANCES EXCEPT AS NOTED				© 3M COPYRIGHT 2025			
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				INCHES				TITLE			
THIRD ANGLE PROJECTION				TOLERANCES EXCEPT AS NOTED				HIGH ROUTABILITY INTERNAL SATA CABLE ASS'Y, JACKET			
INTERPRET PER ASME Y14.5 - 2018				MILLIMETERS				CAGE NUMBER			
				TOLERANCES EXCEPT AS NOTED				SIZE			
MAX SURFACE ROUGHNESS				TOLERANCES EXCEPT AS NOTED				DRAWING NO.			
ALL SURFACES				TOLERANCES EXCEPT AS NOTED				D 78-5100-2591-5			
MARKED ONLY				TOLERANCES EXCEPT AS NOTED				REV.			
				ANGLES				MODEL			
								5602			
								DET. LISTS			
								YES NO			
								SHT 6 OF 7			

8	7	6	5	4	3	2	1
3M™ HIGH ROUTABILITY INTERNAL SATA CABLE ASSEMBLY WITH JACKET, 5602 SERIES 7 PIN TWINAX CABLE ASSEMBLY, STRAIGHT AND RIGHT ANGLE, WITH AND WITHOUT LATCH							
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8	7	6	5	4	3	2	1

				B 14719		MAY 14, 2024		JNC		MML					
				A 47119		REVISED AND REDRAWN									
						JUL 02, 2016									
						PRODUCTION RELEASE									
DESIGN REFERENCE				NEXT ASSEMBLY		REV ECO		ISSUE DATE AND DESCRIPTION				DRFT		CHKD	
ACCESS CODES						DRFT RAO VITTAPALLI		DATE JUL 02, 2016		MFG		DATE			
						CHKD RAO VITTAPALLI		DATE JUL 02, 2016		APPR SAJJIT BANDHU		DATE JUL 02, 2016			
DIVISION				DIVISION CODE											
DO NOT SCALE DRAWING				SCALE		TOLERANCES EXCEPT AS NOTED		<div>3M</div> <div>3M Center St. Paul, MN 55144</div> <div>This document and its information is contains an 3M property and may not be reproduced or further distributed without the permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.</div>							
						INCHES		TITLE							
THIRD ANGLE PROJECTION						.0 .00 .000 .0000 ±		HIGH ROUTABILITY INTERNAL SATA CABLE ASS'Y, JACKET							
INTERPRET PER ASME Y14.5 - 2018						MILLIMETERS 0 ± .00 ±0.25 .00 ±0.15 .00 ±0.05		CAGE NUMBER		SIZE DRAWING NO.		D 178-5100-2591-5		REV. B	
MAX SURFACE ROUGHNESS						ALL SURFACES		MODEL		DET. LISTS		YES <input checked="" type="checkbox"/> NO		SHT 7 OF 7	
✓ <input type="checkbox"/> MARKED ONLY						ANGLES ±		5602							