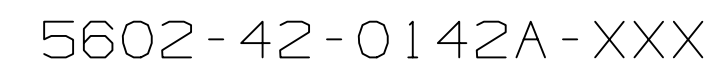
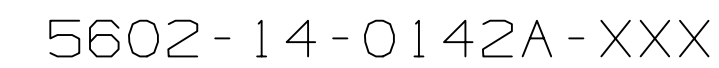
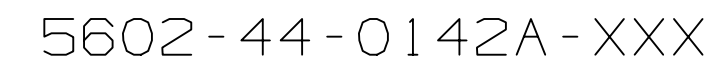
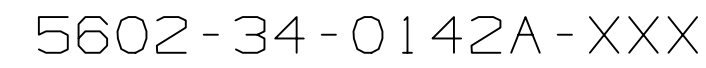
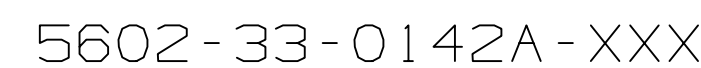
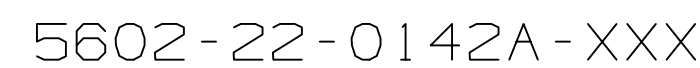
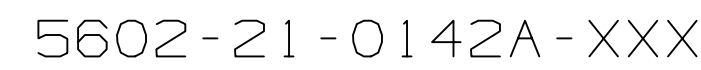
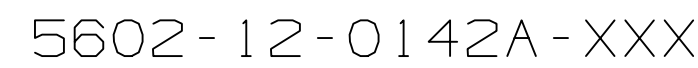
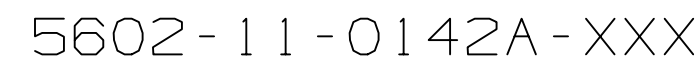


7 PIN TWINAX CABLE ASSEMBLY, STRAIGHT AND RIGHT ANGLE, WITH AND WITHOUT LATCH



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



NOTES

1. REGULATORY INFORMATION:
VISIT 3M.com/regs
2. FOR CUSTOM CABLE LENGTH,
CONTACT 3M SALES REP.
3. CABLE PART NUMBER:
SL8803/04-10DN5-00.
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-2591 FOR PVC JACKETED
SATA 7 PIN TWINAX CABLE ASS'Y.
10. CABLE:
 - * RIBBON TWINAX, SL8803/04.
 - * UL: AWM 21008.
 - * VOLTAGE RATING: 150V.
 - * TEMPERATURE RATING: 80°C.
 - * 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.

E	114747	MAY 13,2024 REVISE AND REDRAWN	JNC	MLL
D	47119	APR 09,2013 ADD SHEET 8 & 9	RV	RV
C	43801	DEC 31,2012 CABLE P/N CHANGE	RV	RV
B	42030	JUL 07,2012 REVISED DRAWING	RV	RV
A	37492	SEP 05,2011 REVISED DRAWING	RV	RV

REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
DRFT	RAO VITTAPALLI	DATE	JUL 02,2016	MFG	DATE
CHKD	RAO VITTAPALLI	DATE	JUL 02,2016	APP'AL	DATE
				SAUJIT BANDHU	JUL 02,2016

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TITLE

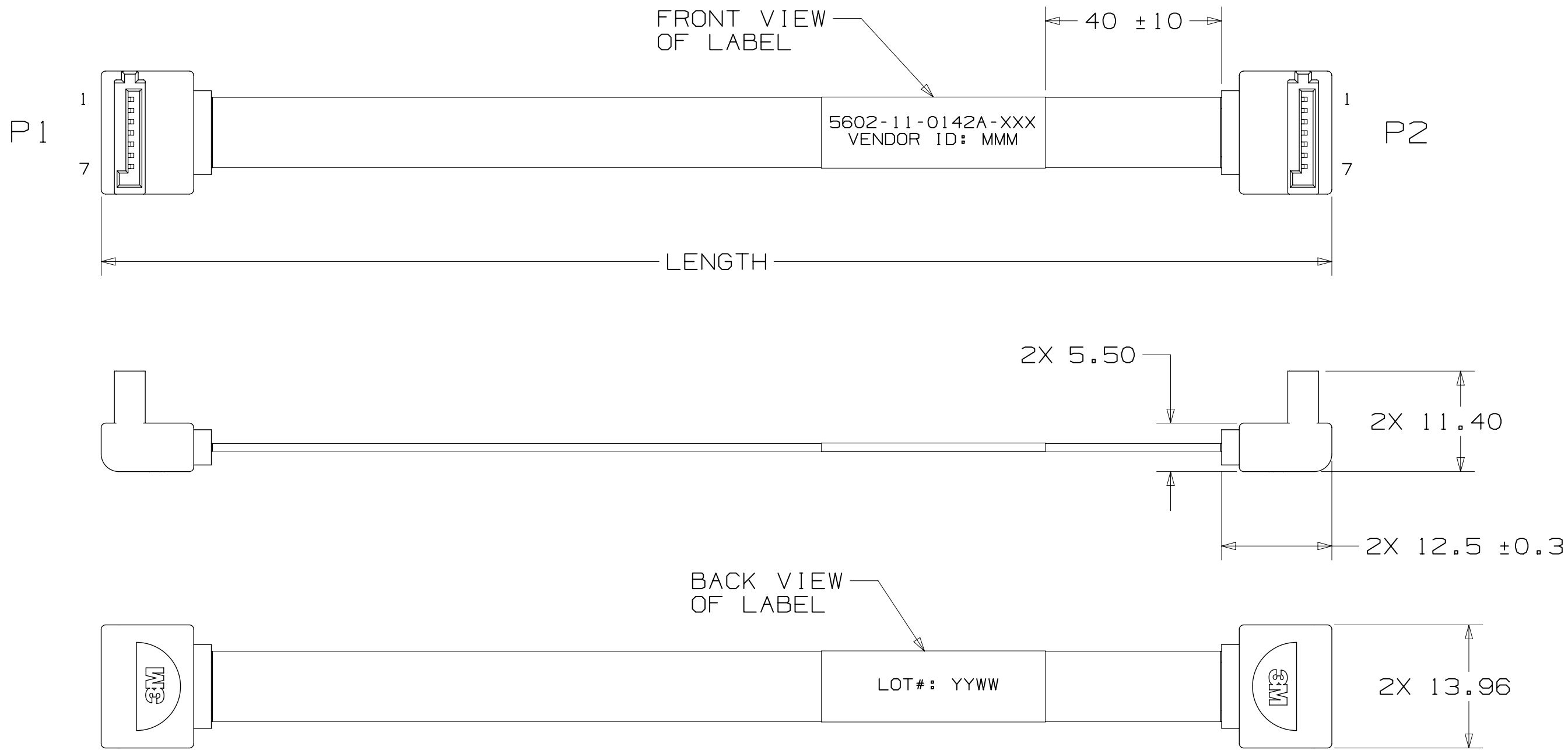
HIGH ROUTABILITY
INTERNAL SATA CABLE
ASSEMBLY

CAGE NUMBER	SIZE D	DRAWING NO. 78-5100-4897-4	REV. E
MODEL	DET. LIST ☐ YES ☒ NO		SHT 1 OF 7

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INFORMATION CALL 800-225-5373

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

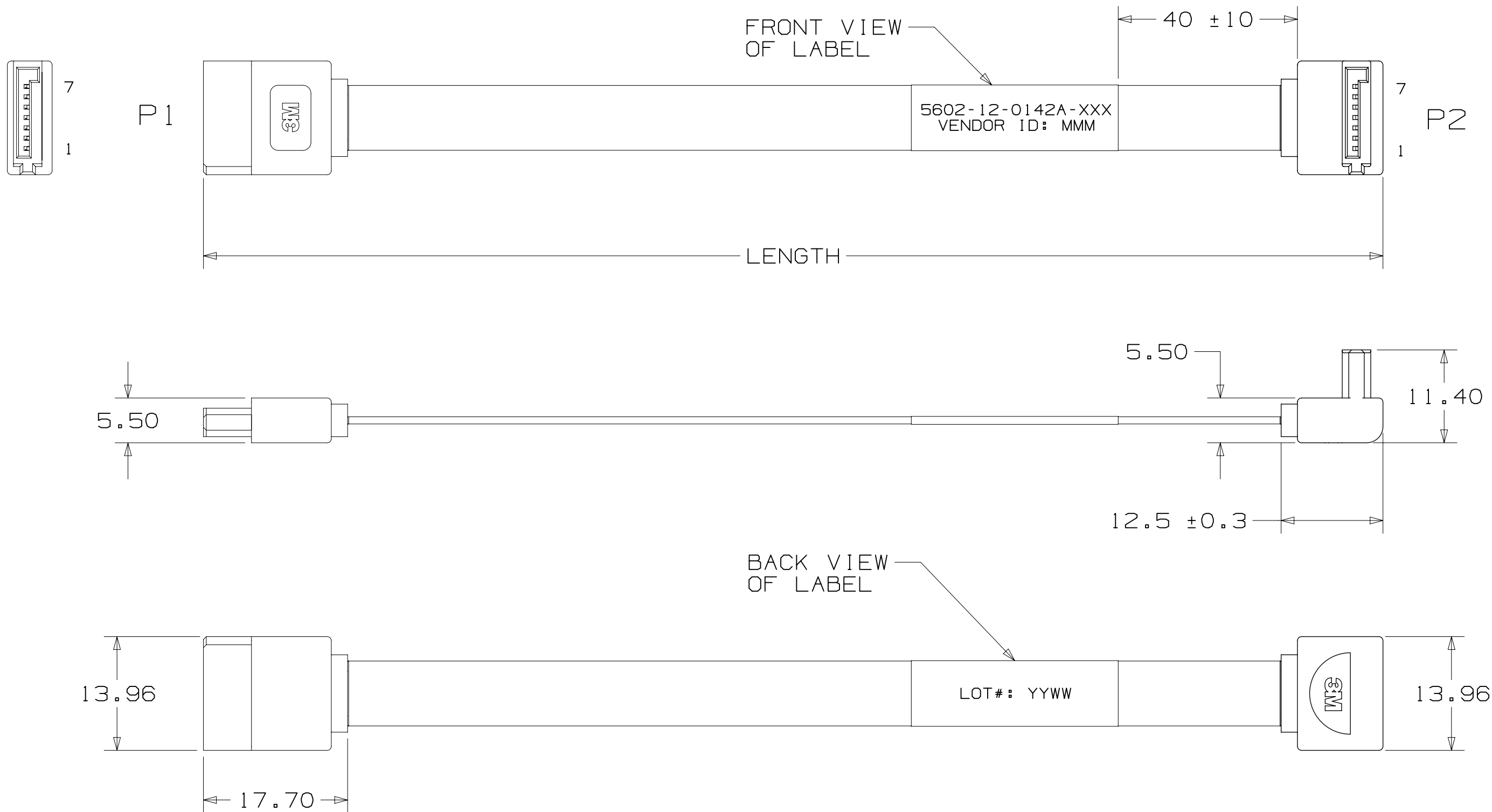
NOTES
1. REFER TO SHEET 1 FOR NOTES.



3M PART NUMBER	LENGTH (MM) SEE NOTE 7
5602-11-0142A-100	100
5602-11-0142A-200	200
5602-11-0142A-300	300
5602-11-0142A-400	400
5602-11-0142A-500	500
5602-11-0142A-600	600
5602-11-0142A-700	700
5602-11-0142A-800	800
5602-11-0142A-900	900
5602-11-0142A-1000	1000

RIGHT ANGLE TO RIGHT ANGLE
WITHOUT LATCHES
ORDERING INFORMATION
5602-11-0142A-XXX

LENGTH IN MM,
XXX REFERS TO 1000mm.



3M PART NUMBER	LENGTH (MM) SEE NOTE 7
5602-12-0142A-100	100
5602-12-0142A-200	200
5602-12-0142A-300	300
5602-12-0142A-400	400
5602-12-0142A-500	500
5602-12-0142A-600	600
5602-12-0142A-700	700
5602-12-0142A-800	800
5602-12-0142A-900	900
5602-12-0142A-1000	1000

STRAIGHT TO RIGHT ANGLE
WITHOUT LATCHES
ORDERING INFORMATION
5602-12-0142A-XXX

LENGTH IN MM,
XXX REFERS TO 1000mm.

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

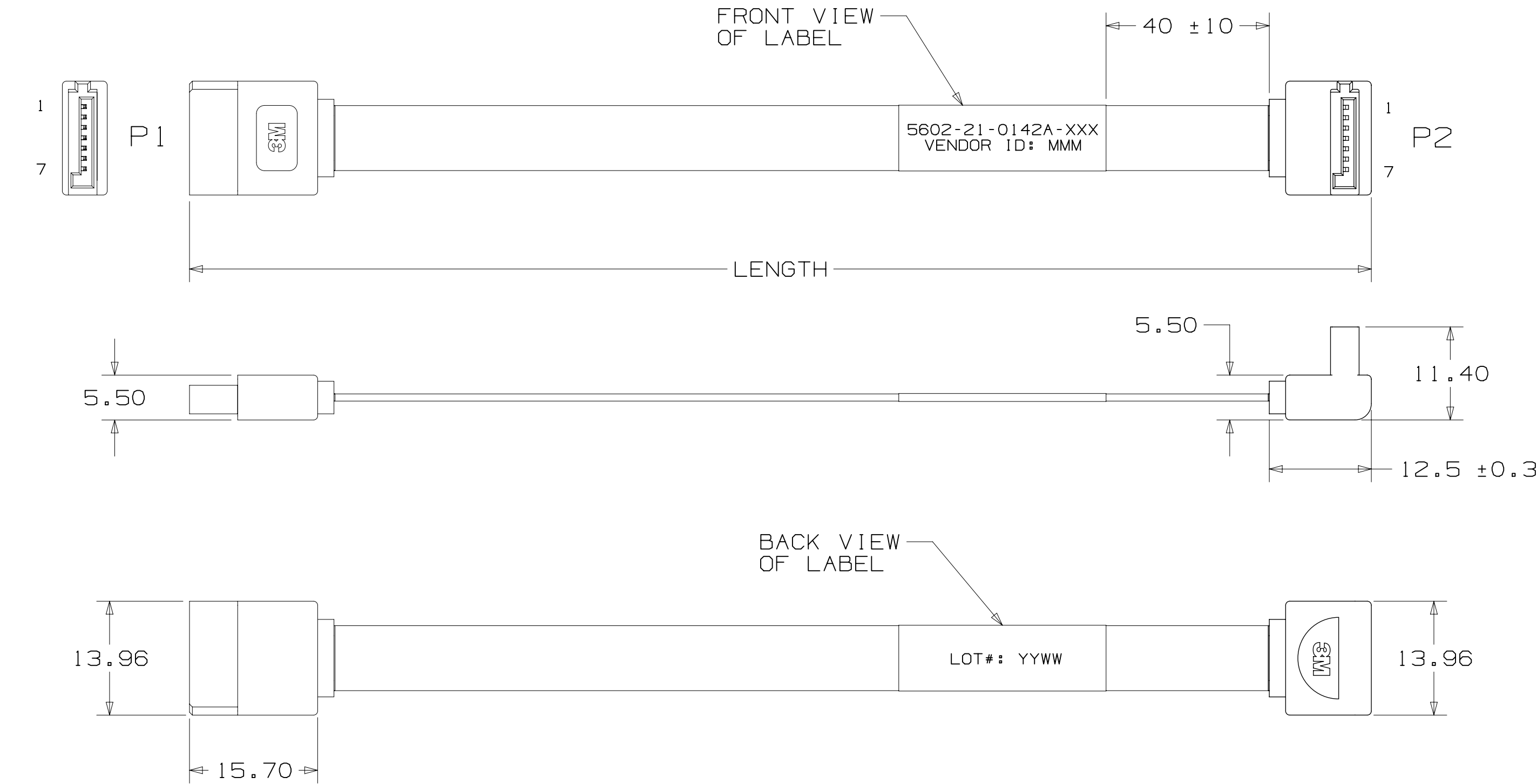
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INFORMATION CALL 800-225-5373

E	114747	MAY 13,2024	JNC	MML
D	47119	REVISE AND REDRAWN	RV	RV
C	43801	ADD SHEET 8 & 9	RV	RV
B	42030	CABLE P/N CHANGE	RV	RV
A	37492	REVISED DRAWING	RV	RV
		SEP 05,2011		
		REVISED DRAWING		

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
DESIGN CODES		DRFT	RAO VITTAPALLI	DATE JUL 02,2018	MFG	DATE
DIVISION	DIVISION CODE	CHKD	RAO VITTAPALLI	DATE JUL 02,2018	APPRV	DATE JUL 02,2018
DO NOT SCALE DRAWING	SCALE	TOLERANCES EXCEPT AS NOTED	3M	3M Center St. Paul, MN 55144	© 3M COPYRIGHT 2024 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	INTERPRET PER ASME Y14.5 - 2018	INCHES	0 ±.00	0 ±.00	MILLIMETERS	0 ±.00
MAX SURFACE ROUGHNESS	INTERPRET PER ASME Y14.5 - 2018	INCHES	0 ±.00	0 ±.00	MILLIMETERS	0 ±.00
MARKED ONLY	MARKED ONLY	ANGLES	0 ±.00	0 ±.00	ANGLES	0 ±.00
TITLE		HIGH ROUTABILITY INTERNAL SATA CABLE ASSEMBLY		CAGE NUMBER D78-5100-4897-4		
MODEL		SHT 2 OF 7		REV. E		

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

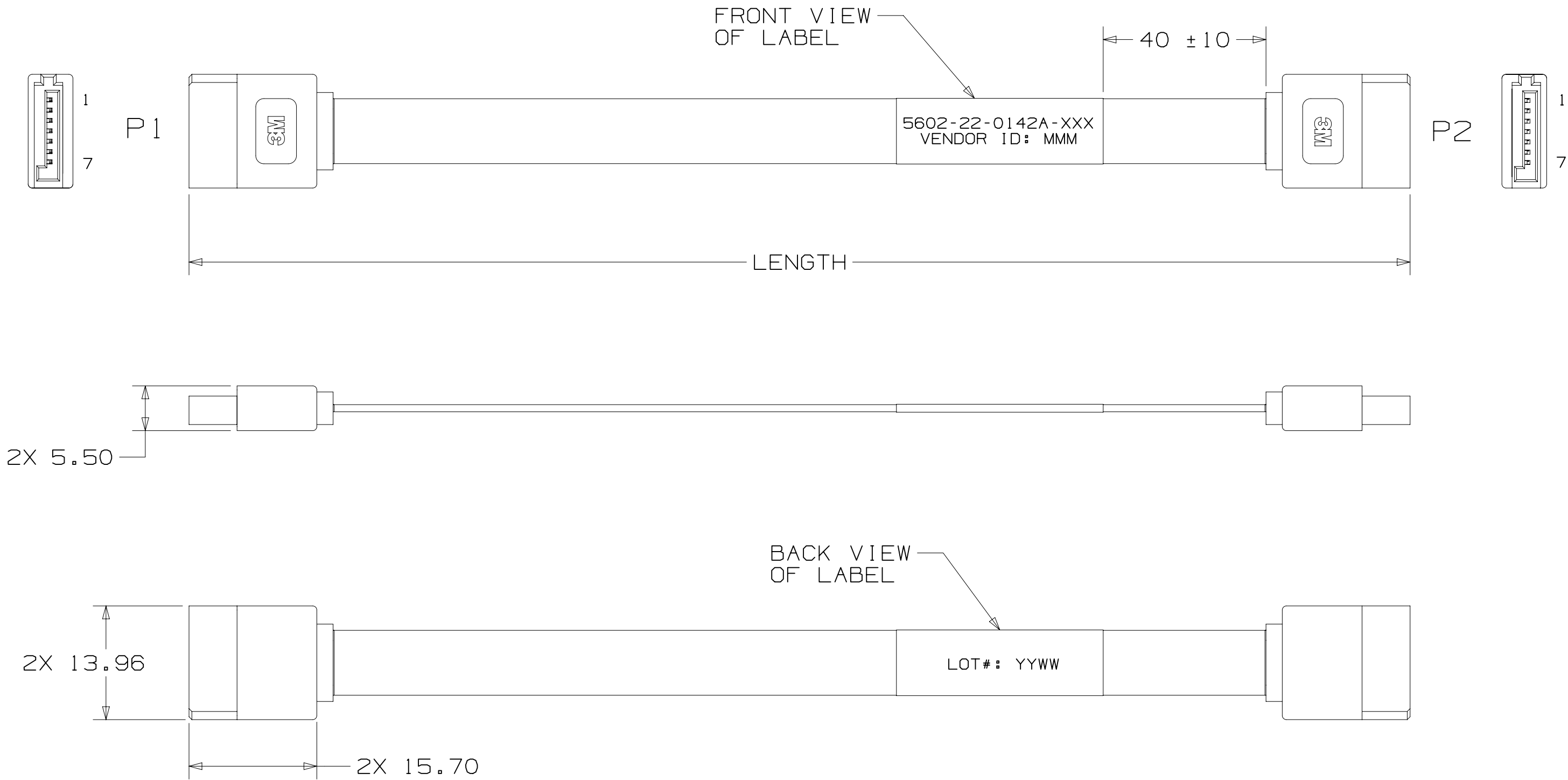
NOTES
1. REFER TO SHEET 1 FOR NOTES.



3M PART NUMBER	LENGTH (MM) SEE NOTE 7
5602-21-0142A-100	100
5602-21-0142A-200	200
5602-21-0142A-300	300
5602-21-0142A-400	400
5602-21-0142A-500	500
5602-21-0142A-600	600
5602-21-0142A-700	700
5602-21-0142A-800	800
5602-21-0142A-900	900
5602-21-0142A-1000	1000

STRAIGHT TO RIGHT ANGLE
WITHOUT LATCHES
ORDERING INFORMATION
5602-21-0142A-XXX

LENGTH IN MM,
XXX REFERS TO 1000mm.



3M PART NUMBER	LENGTH (MM) SEE NOTE 7
5602-22-0142A-100	100
5602-22-0142A-200	200
5602-22-0142A-300	300
5602-22-0142A-400	400
5602-22-0142A-500	500
5602-22-0142A-600	600
5602-22-0142A-700	700
5602-22-0142A-800	800
5602-22-0142A-900	900
5602-22-0142A-1000	1000

STRAIGHT TO STRAIGHT
WITHOUT LATCHES
ORDERING INFORMATION
5602-22-0142A-XXX

LENGTH IN MM,
XXX REFERS TO 1000mm.

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

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INFORMATION CALL 800-225-5373

E	114747	MAY 13,2024	JNC	MML
D	47119	REVISE AND REDRAWN	RV	RV
C	43801	ADD SHEET 8 & 9	RV	RV
B	42030	CABLE P/N CHANGE	RV	RV
A	37492	REVISED DRAWING	RV	RV
		SEP 05,2011		
		REVISED DRAWING		

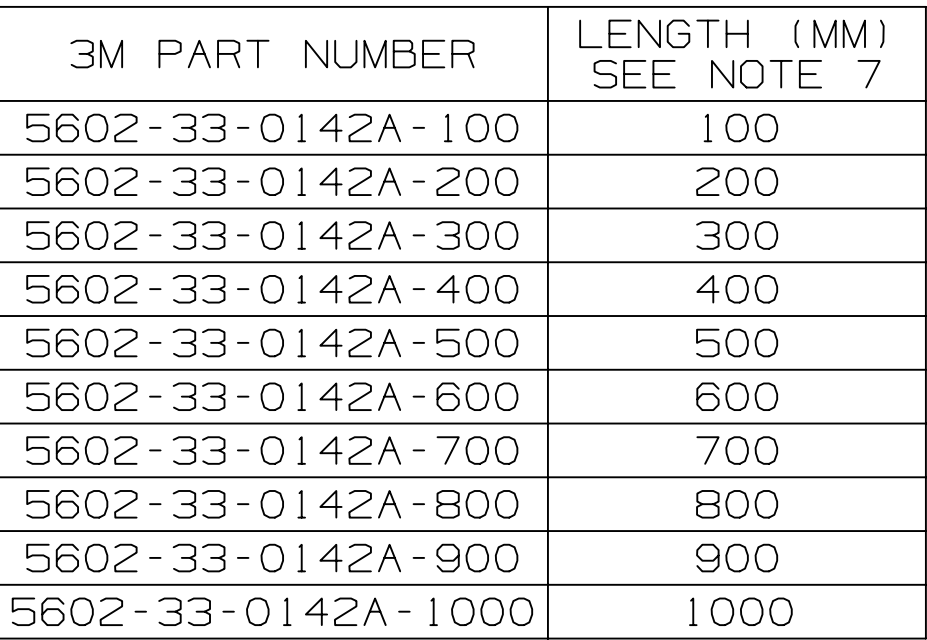
REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
1	RAO VITTAPALLI	JUL 02,2018	MFG	DATE
2	RAO VITTAPALLI	JUL 02,2018	SAJIT BANDHU	DATE
DIVISION CODE				
EMSD				
DO NOT SCALE DRAWING				
THIRD ANGLE PROJECTION				
INTERPRET PER ASME Y14.5 - 2018				
MAX SURFACE ROUGHNESS				
SURFACES				
MARKED ONLY				
TOLERANCES EXCEPT AS NOTED				
INCHES				
MILLIMETERS				
CAGE NUMBER				
SIZE				
DRAWING NO.				
REV.				
MODEL				
LISTS				
YES				
NO				
SHT 3 OF 7				

3M Center
St. Paul,
MN 55144

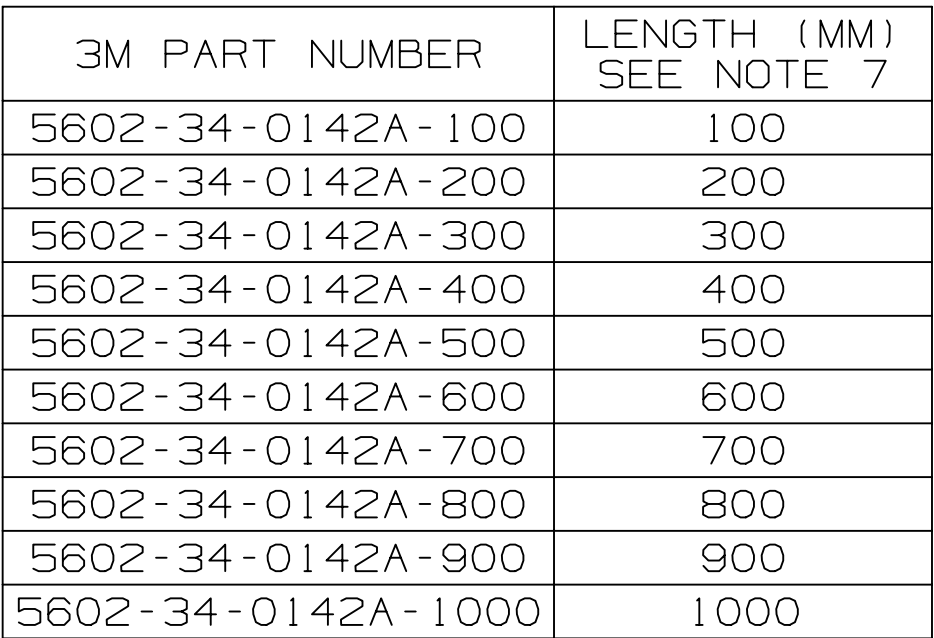
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TITLE
HIGH ROUTABILITY
INTERNAL SATA CABLE
ASSEMBLY

NOTES	
1.	REFER TO SHEET 1 FOR NOTES.



LENGTH IN MM,
XXX REFERS TO 1000mm.



LENGTH IN MM,
XXX REFERS TO 1000mm.

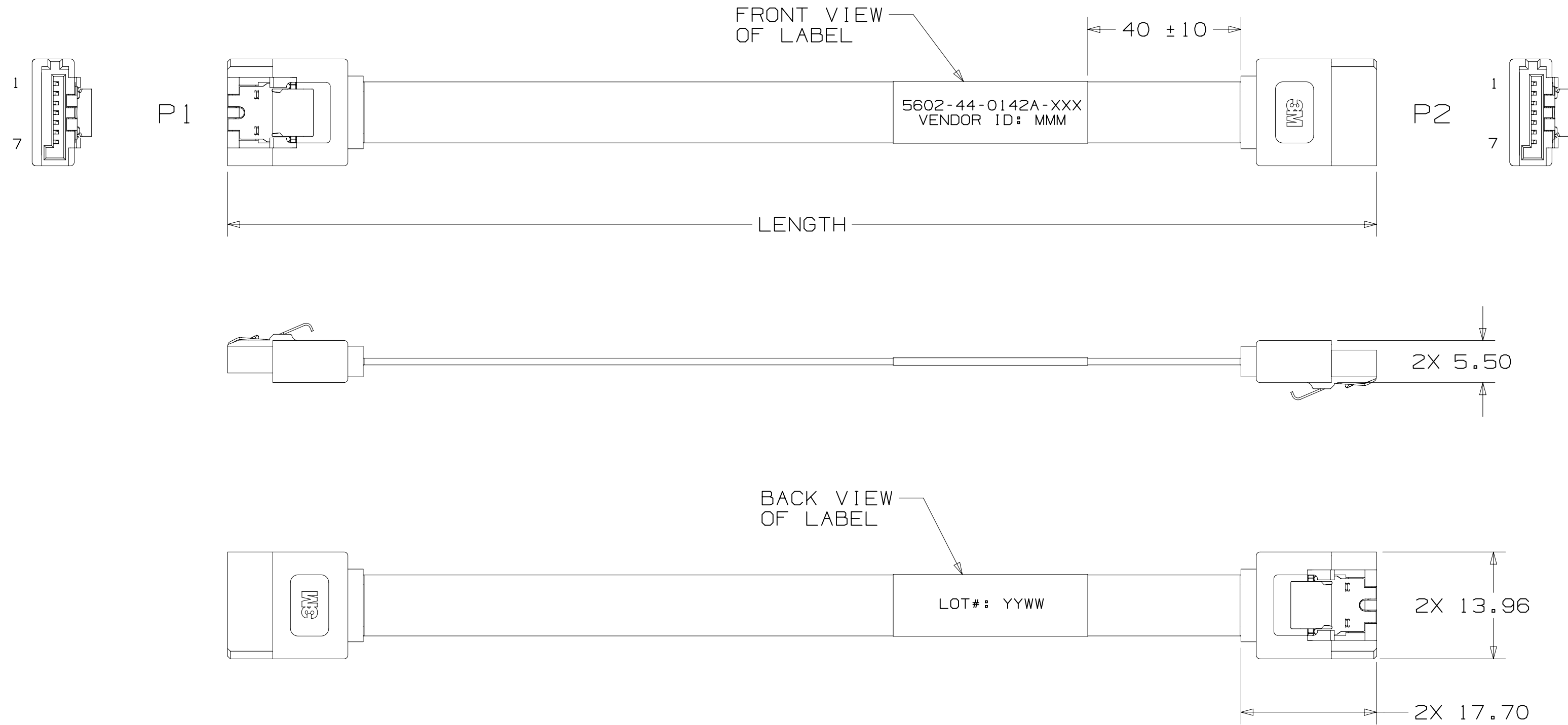
E	114747	MAY 13,2024 REVISE AND REDRAWN	JNC	MM
D	47119	APR 09,2013 ADD SHEET 8 & 9	RV	RV
C	43801	DEC 31,2012 CABLE P/N CHANGE	RV	RV
B	42030	JUL 07,2012 REVISED DRAWING	RV	RV
A	37492	SEP 05,2011 REVISED DRAWING	RV	RV

DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHK
ACCESS CODES				DRFT	RAO	VITTAPALLI		DATE	JUL 02, 2016
				DRFT	RAO	VITTAPALLI		DATE	JUL 02, 2016
				DRFT	RAO	SAJJUJI BANDHU		DATE	JUL 02, 2016
DIVISION		DIVISION CODE		 3M Center St. Paul, MN 55144		© 3M COPYRIGHT 2024 This document and the information it contains are 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.			
DO NOT SCALE DRAWING		EMSD							
SCALE		TOLERANCES EXCEPT AS NOTED				HIGH ROUTABILITY INTERNAL SATA CABLE ASSEMBLY			
THIRD ANGLE PROJECTION		INCHES							
INTERPRET PER ASME Y14.5 - 2018		MILLIMETERS		CAGE NUMBER D		DRAWING NO. 78-5100-4897-4			
MAX SURFACE ROUGHNESS		0.00 ± 0.05				REV			
☒ MARKED ONLY		0.00 ± 0.15		MODEL		DET. LISTS ☐ YES ☒ NO			
		0.000 ± 0.05				SHT 4 OF			

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

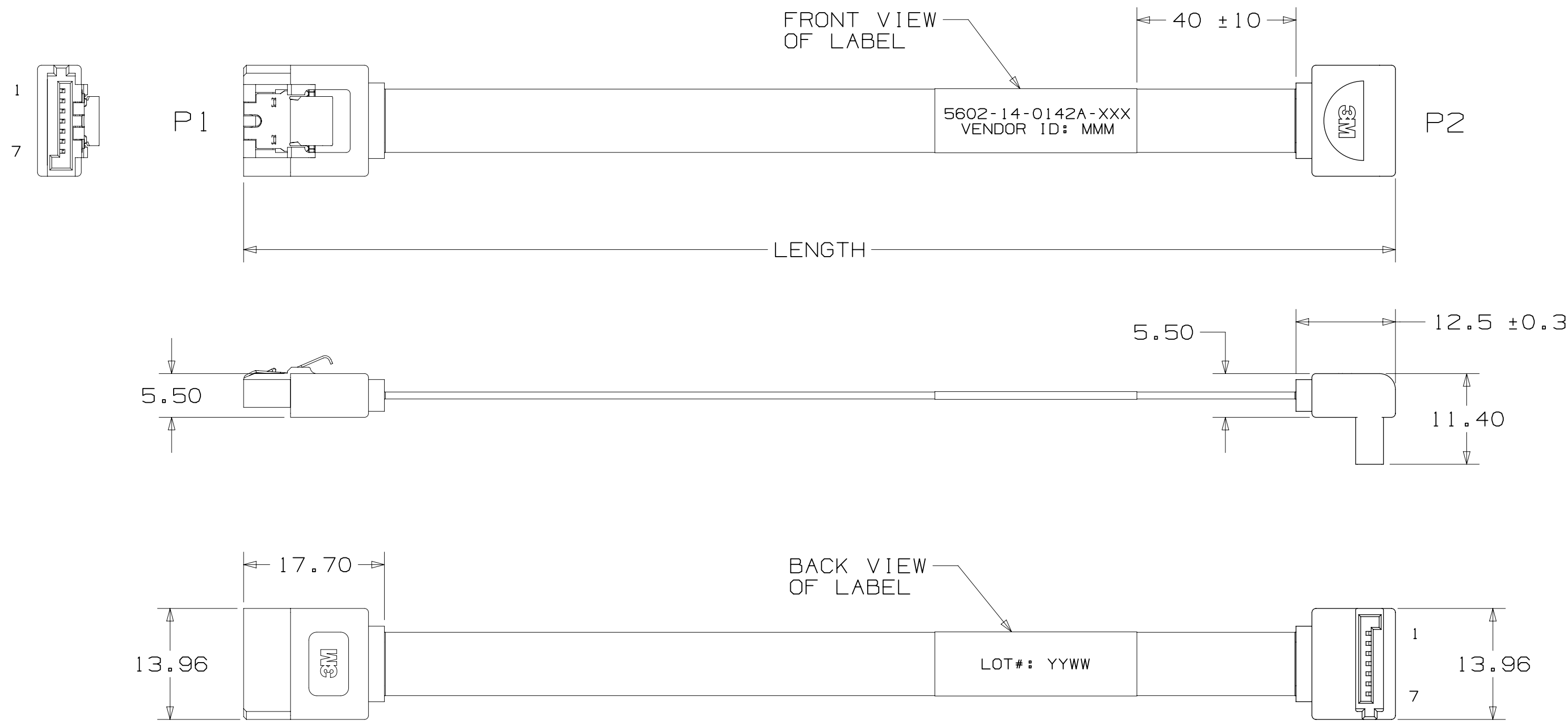
NOTES
1. REFER TO SHEET 1 FOR NOTES.



3M PART NUMBER	LENGTH (MM) SEE NOTE 7
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5602-44-0142A-200	200
5602-44-0142A-300	300
5602-44-0142A-400	400
5602-44-0142A-500	500
5602-44-0142A-600	600
5602-44-0142A-700	700
5602-44-0142A-800	800
5602-44-0142A-900	900
5602-44-0142A-1000	1000

STRAIGHT TO STRAIGHT
WITH LATCHES
ORDERING INFORMATION
5602-44-0142A-XXX

LENGTH IN MM,
XXX REFERS TO 1000mm.



3M PART NUMBER	LENGTH (MM) SEE NOTE 7
5602-14-0142A-100	100
5602-14-0142A-200	200
5602-14-0142A-300	300
5602-14-0142A-400	400
5602-14-0142A-500	500
5602-14-0142A-600	600
5602-14-0142A-700	700
5602-14-0142A-800	800
5602-14-0142A-900	900
5602-14-0142A-1000	1000

STRAIGHT WITH LATCH TO
RIGHT ANGLE WITHOUT LATCH
ORDERING INFORMATION
5602-14-0142A-XXX

LENGTH IN MM,
XXX REFERS TO 1000mm.

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

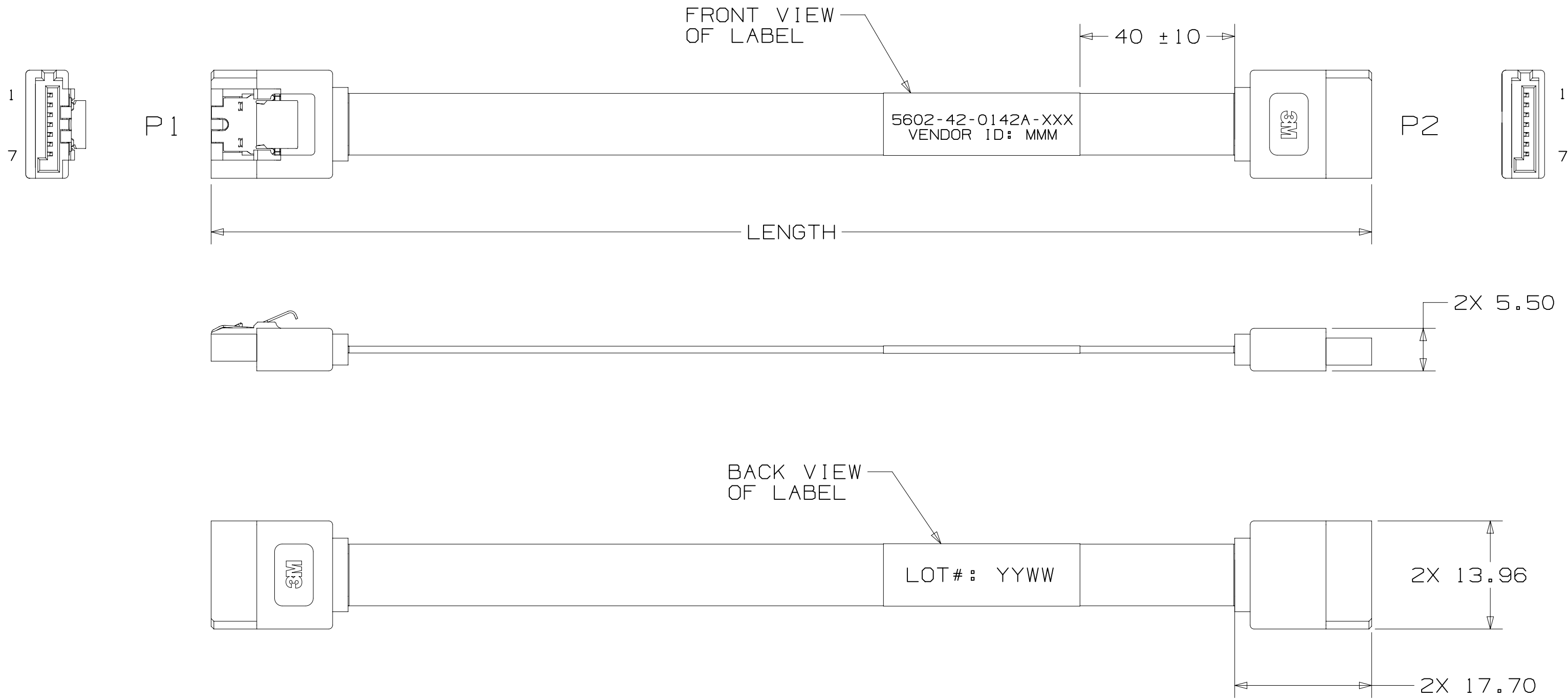
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INFORMATION CALL 800-225-5373

E	114747	MAY 13,2024 REVISE AND REDRAWN	JNC	MML
D	47119	APR 09,2013 ADD SHEET 8 & 9	RV	RV
C	43801	DEC 31,2012 CABLE P/N CHANGE	RV	RV
B	42030	JUL 07,2012 REVISED DRAWING	RV	RV
A	37492	SEP 05,2011 REVISED DRAWING	RV	RV

REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
1	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
2	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
3	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
4	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
5	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
6	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
7	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
8	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
9	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
10	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
11	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
12	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
13	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
14	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
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21	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
22	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
23	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
24	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
25	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
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61	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
62	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
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68	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
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72	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
73	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
74	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
75	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
76	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
77	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
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99	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
100	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU

3M™ HIGH ROUTABILITY INTERNAL SATA CABLE ASSEMBLY, 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
5602-42-0142A-100	100
5602-42-0142A-200	200
5602-42-0142A-300	300
5602-42-0142A-400	400
5602-42-0142A-500	500
5602-42-0142A-600	600
5602-42-0142A-700	700
5602-42-0142A-800	800
5602-42-0142A-900	900
5602-42-0142A-1000	1000

STRAIGHT LATCH TO
STRAIGHT WITHOUT LATCH
ORDERING INFORMATION
5602-42-0142A-XXX

LENGTH IN MM,
XXX REFERS TO 1000mm.

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

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FOR TECHNICAL, SALES OR ORDERING
INFORMATION CALL 800-225-5373

E	114747	MAY 13,2024	JNC	MML
D	47119	APR 09,2013	RV	RV
C	43801	DEC 31,2012	RV	RV
B	42030	JUL 07,2012	RV	RV
A	37492	SEP 05,2011	RV	RV

REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
1	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
2	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
3	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
4	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
5	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
6	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
7	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
8	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
9	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
10	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
11	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
12	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
13	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
14	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
15	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
16	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
17	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
18	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
19	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
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22	RAO VITTAPALLI	JUL 02,2018	RAO VITTAPALLI	SAJIT BANDHU
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7 PIN TWINAX CABLE ASSEMBLY, STRAIGHT AND RIGHT ANGLE, WITH AND WITHOUT LATCH

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E	114747	MAY 13,2024 REVISE AND REDRAWN	JNC	MLL
D	47119	APR 09,2013 ADD SHEET 8 & 9	RV	RV
C	43801	DEC 31,2012 CABLE P/N CHANGE	RV	RV
B	42030	JUL 07,2012 REVISED DRAWING	RV	RV
A	37492	SEP 05,2011 REVISED DRAWING	RV	RV

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TITLE HIGH ROUTABILITY INTERNAL SATA CABLE ASSEMBLY		