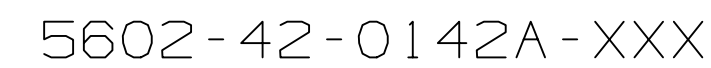
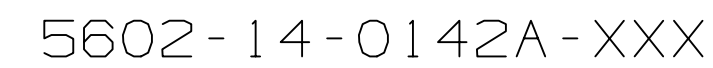
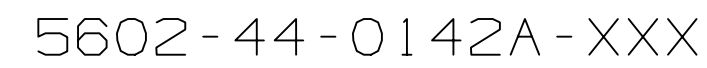
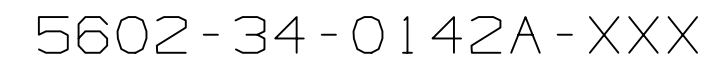
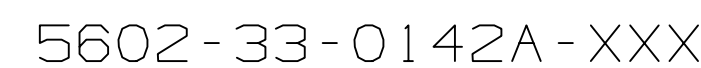
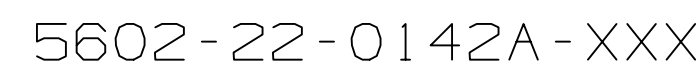
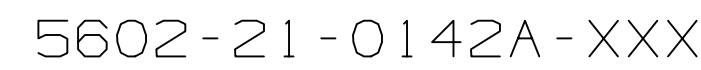
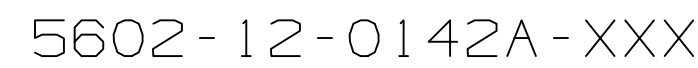
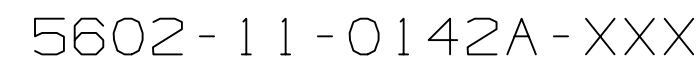


7 PIN TWINAX CABLE ASSEMBLY, STRAIGHT AND RIGHT ANGLE, WITH AND WITHOUT LATCH



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



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

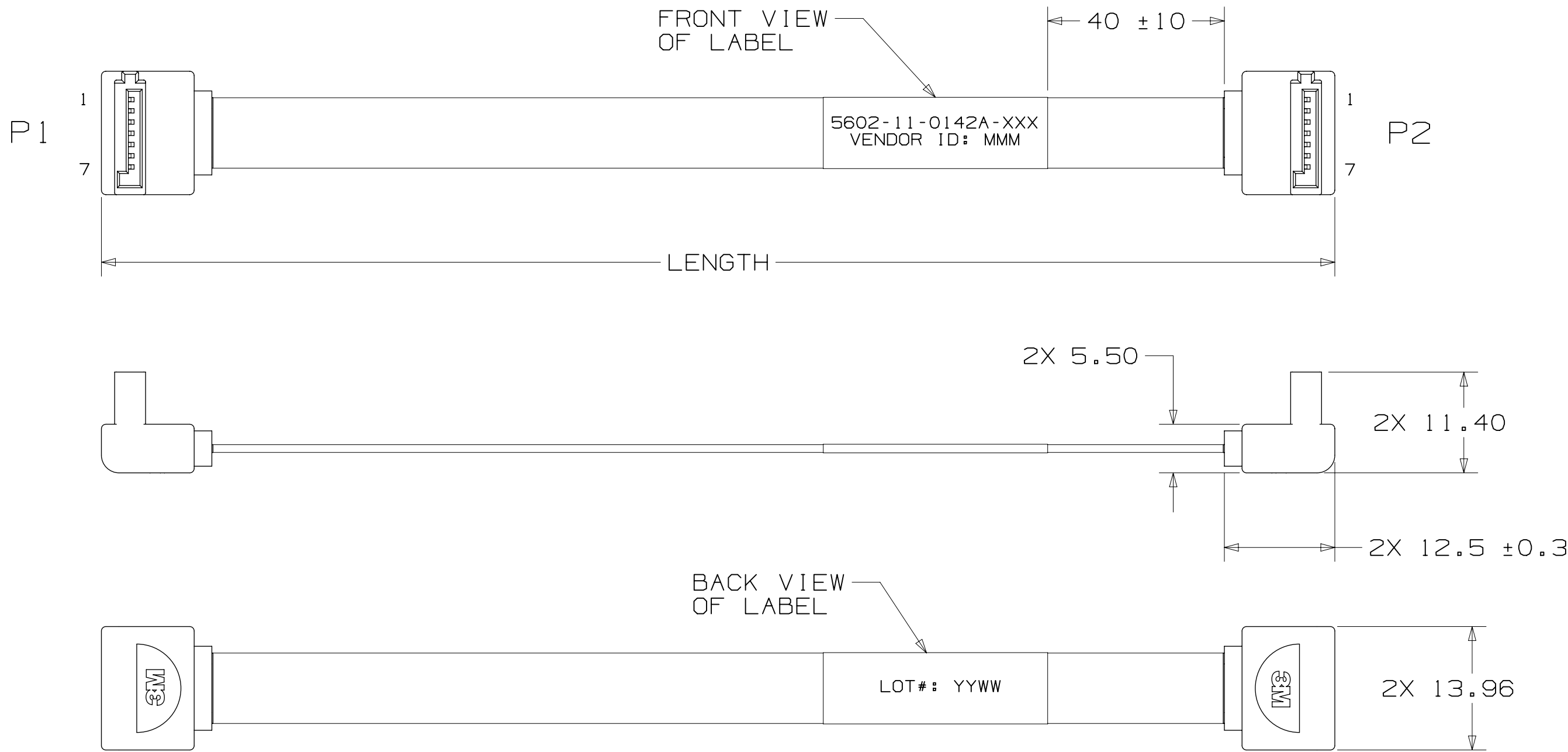
REV	ECO	ISSUE DATE AND DESCRIPTION				DRFT	CHKD
DRFT	RAO VITTAAPALLI	DATE	02, 2016	MPG		DATE	
CHKD	RAO VITTAAPALLI	DATE	02, 2016	APRVL	SAUJIT BANDHU	DATE	02, 2016
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		TITLE HIGH ROUTABILITY INTERNAL SATA CABLE ASSEMBLY					
CAGE NUMBER		SIZE DRAWING NO.				REV.	
D		78-5100-4897-4				E	
MODEL		DET. LISTS		☐ YES ☒ NO		SHT 1 OF 7	

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INFORMATION CALL 800-225-5373

DESIGN REFERENCE				NEXT ASSEMBLY			
ACCESS CODES							
DIVISION				DIVISION CODE			
				EMSD			
DO NOT SCALE DRAWING		SCALE		TOLERANCES EXCEPT NOTED			
				INCHES			
				.00 ± .00 ± .000 ± .0000 ±			
THIRD ANGLE PROJECTION							
INTERPRET PER ASME Y14.5 - 2018				MILLIMETERS			
				0 ±			
				.00 ±			
				.00 ±			
				.00 ±			
				.00 ±			
MAX. SURFACE ROUGHNESS				°			
☒ SURFACES				°			
☐ MARKED ONLY				ANGLES			

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

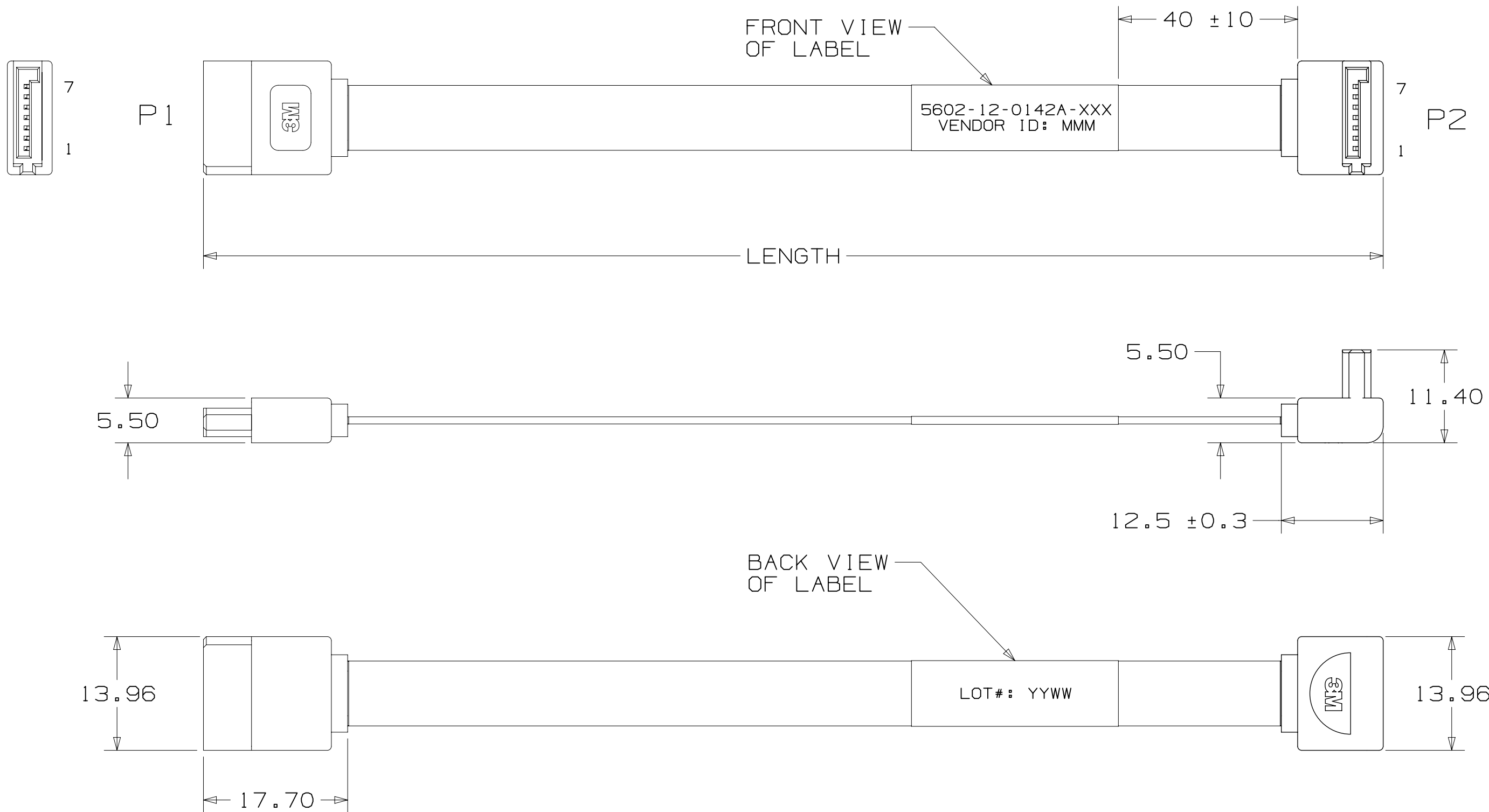
NOTES
1. REFER TO SHEET 1 FOR NOTES.



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.

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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
XXXXX CODES		DRP RAO VITTAPALLI	DATE JUL 02,2018	MFG DATE		
DIVISION	DIVISION CODE	CHKD RAO VITTAPALLI	DATE JUL 02,2018	APPRV SAJIT BANDHU	DATE JUL 02,2018	
DO NOT SCALE DRAWING	SCALE	TOLERANCES EXCEPT AS NOTED				
THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 2018	INCHES .00 ± .002 ± .000 ± 2000 ±				
MAX SURFACE ROUGHNESS 12.5 SURFACES	MARKED ONLY	MILLIMETERS 0 ±2 .0 ±0.25 .00 ±0.15 .000 ±0.05				
		ANGLES				
		CAGE NUMBER				
		SIZE				
		DRAWING NO.				
		REV.				
		MODEL				
		DET				
		LISTS				
		YES				
		NO				
		SHT 2 OF 7				

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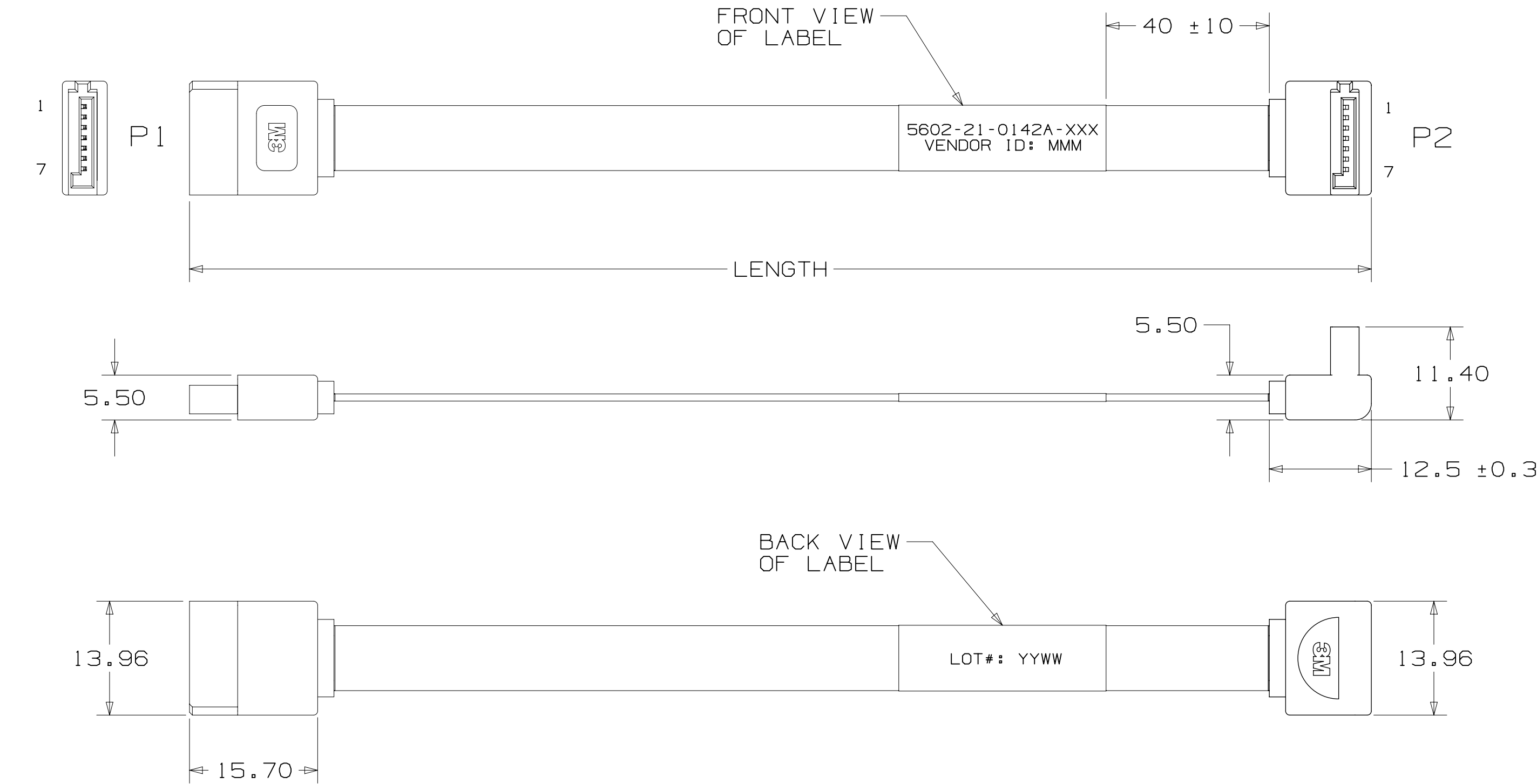
TITLE
HIGH ROUTABILITY
INTERNAL SATA CABLE
ASSEMBLY

CAGE NUMBER
D78-5100-4897-4

REV.
E

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

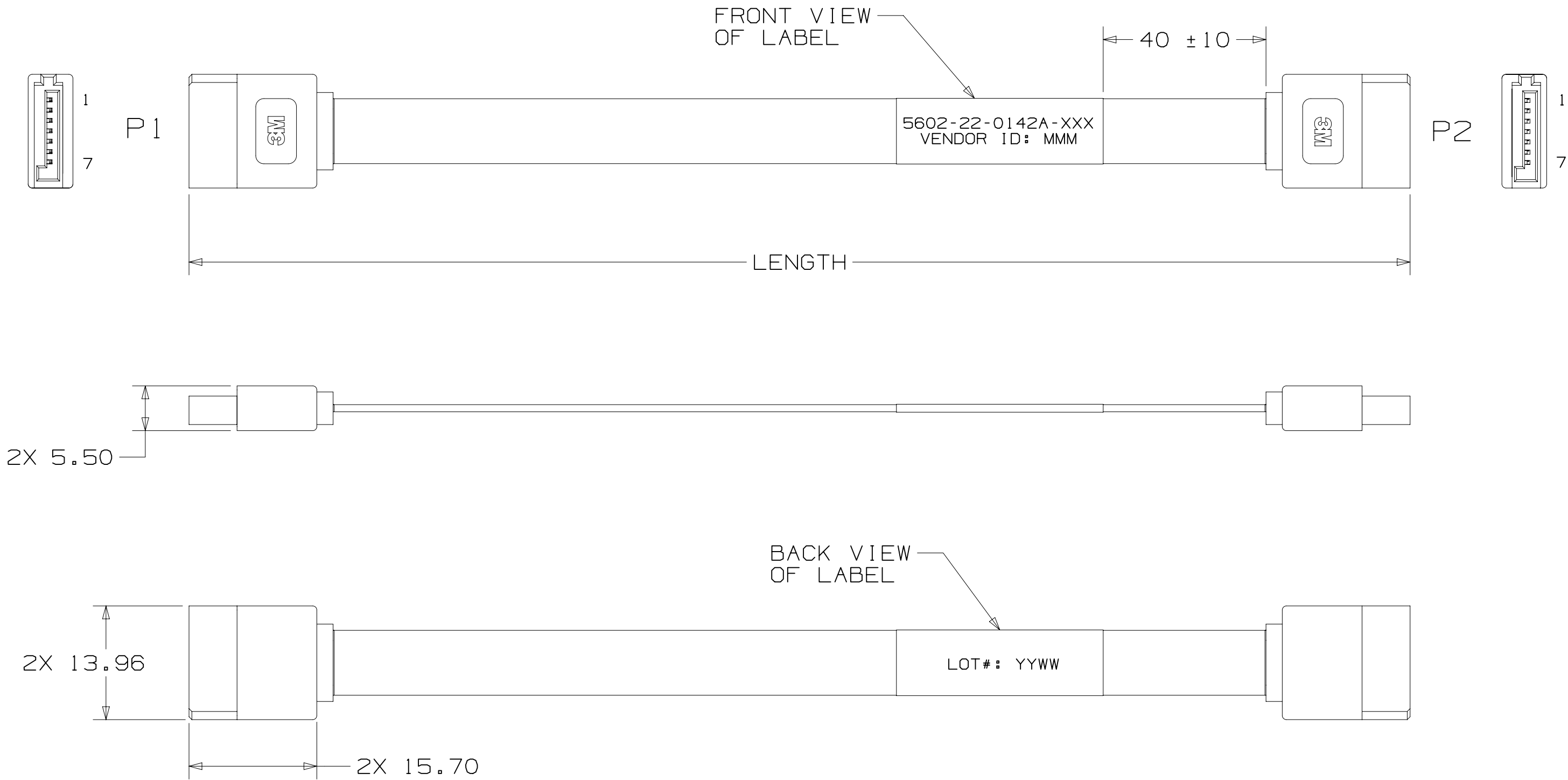
NOTES
1. REFER TO SHEET 1 FOR NOTES.



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.

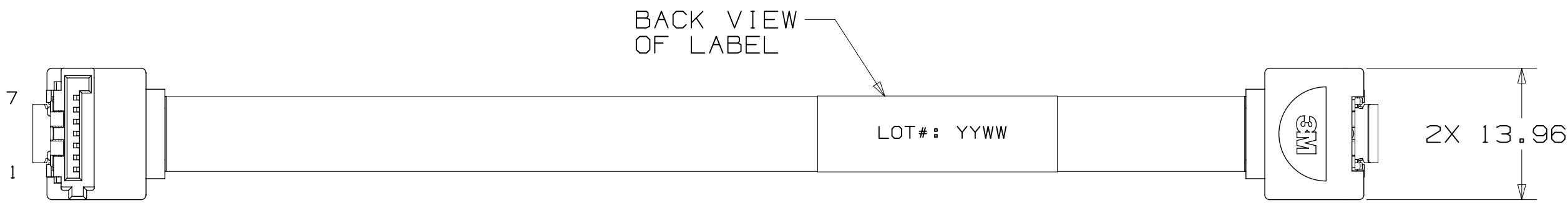
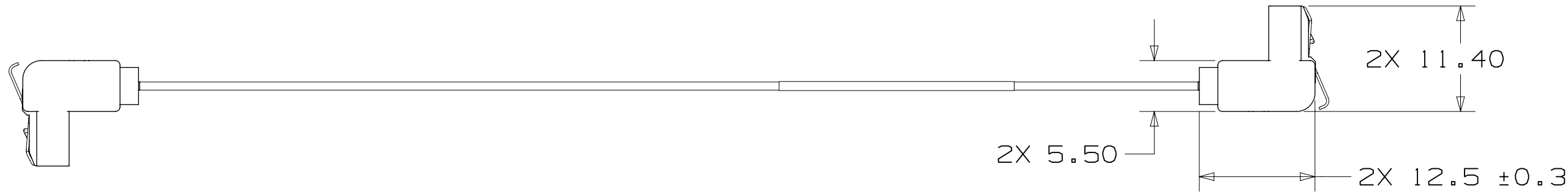
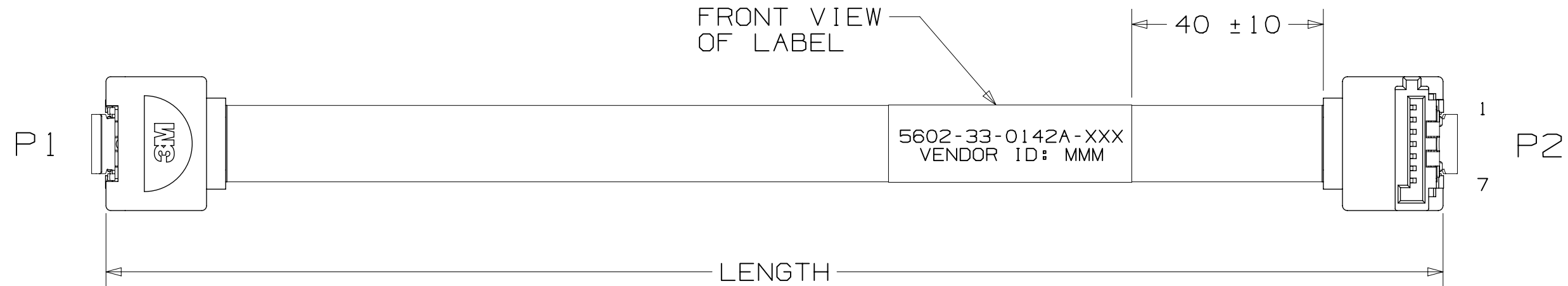
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<http://www.3M.com/interconnect>

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DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
XXXXX		RAO VITTAPALLI	JUL 02,2018	MFG		
DIVISION	DIVISION CODE	RAO VITTAPALLI	JUL 02,2018	SAJIT BANDHU	JUL 02,2018	
DO NOT SCALE DRAWING	SCALE	TOLERANCES EXCEPT AS NOTED				
THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 2018	MILLIMETERS				
MAX SURFACE ROUGHNESS	SURFACES	INCHES				
MARKED ONLY	ANGLES	CAGE NUMBER				
TITLE						
HIGH ROUTABILITY INTERNAL SATA CABLE ASSEMBLY						
CAGE NUMBER						
DRAWING NO.						
REV.						
MODEL						
SHT 3 OF 7						

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

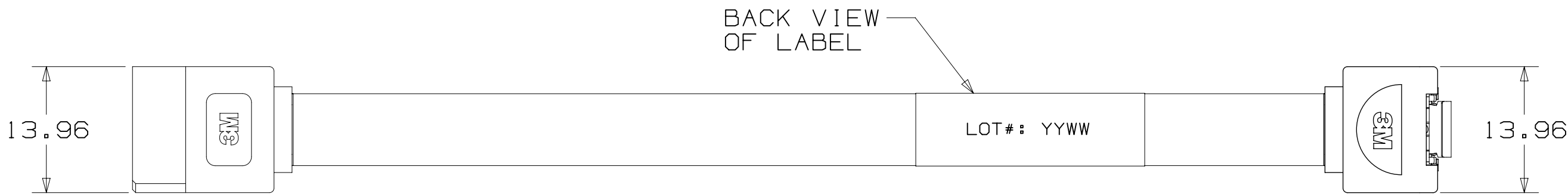
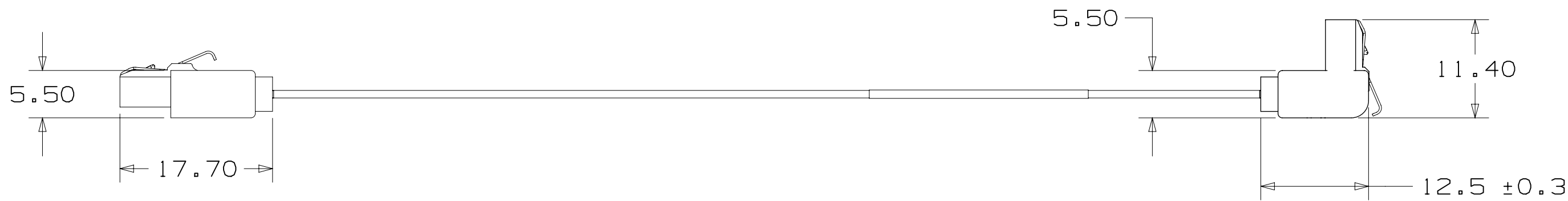
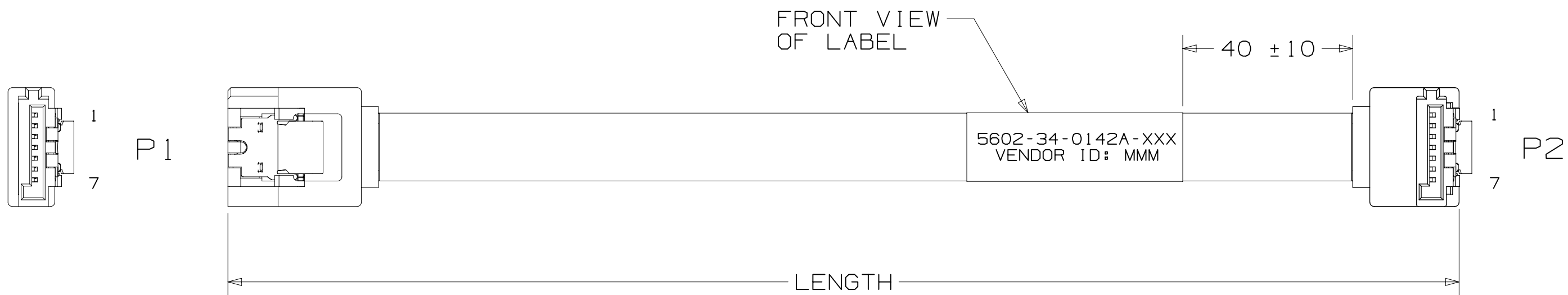
NOTES
1. REFER TO SHEET 1 FOR NOTES.



3M PART NUMBER	LENGTH (MM) SEE NOTE 7
5602-33-0142A-100	100
5602-33-0142A-200	200
5602-33-0142A-300	300
5602-33-0142A-400	400
5602-33-0142A-500	500
5602-33-0142A-600	600
5602-33-0142A-700	700
5602-33-0142A-800	800
5602-33-0142A-900	900
5602-33-0142A-1000	1000

RIGHT ANGLE TO RIGHT ANGLE
WITH LATCHES
ORDERING INFORMATION
5602-33-0142A-XXX

LENGTH IN MM,
XXX REFERS TO 1000mm.



3M PART NUMBER	LENGTH (MM) SEE NOTE 7
5602-34-0142A-100	100
5602-34-0142A-200	200
5602-34-0142A-300	300
5602-34-0142A-400	400
5602-34-0142A-500	500
5602-34-0142A-600	600
5602-34-0142A-700	700
5602-34-0142A-800	800
5602-34-0142A-900	900
5602-34-0142A-1000	1000

STRAIGHT TO RIGHT ANGLE
WITH LATCHES
ORDERING INFORMATION
5602-34-0142A-XXX

LENGTH IN MM,
XXX REFERS TO 1000mm.

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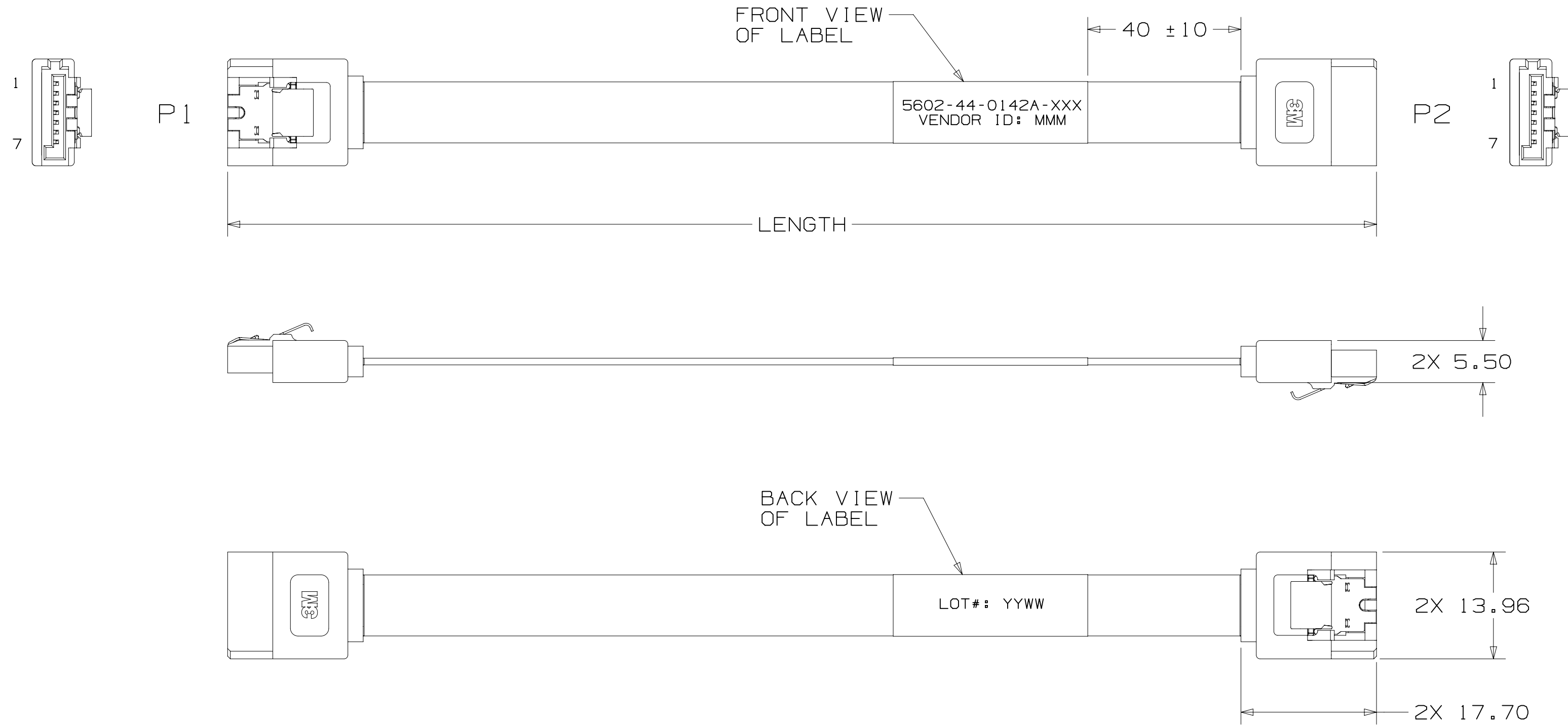
E	114747	MAY 13,2024	JNC	MML
D	47119	REVISE AND REDRAWN	RV	RV
C	43801	ADD SHEET 8 & 9	RV	RV
B	42030	DEC 31,2012 CABLE P/N CHANGE	RV	RV
A	37492	JUL 07,2012 REVISED DRAWING	RV	RV
		SEP 05,2011 REVISED DRAWING		

REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
1	RAO VITTAPALLI	JUL 02,2018		
2	RAO VITTAPALLI	JUL 02,2018		
3	SAJIT BANDHU	JUL 02,2018		
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	St. Paul, MN 55144		
TITLE			
HIGH ROUTABILITY INTERNAL SATA CABLE ASSEMBLY			

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

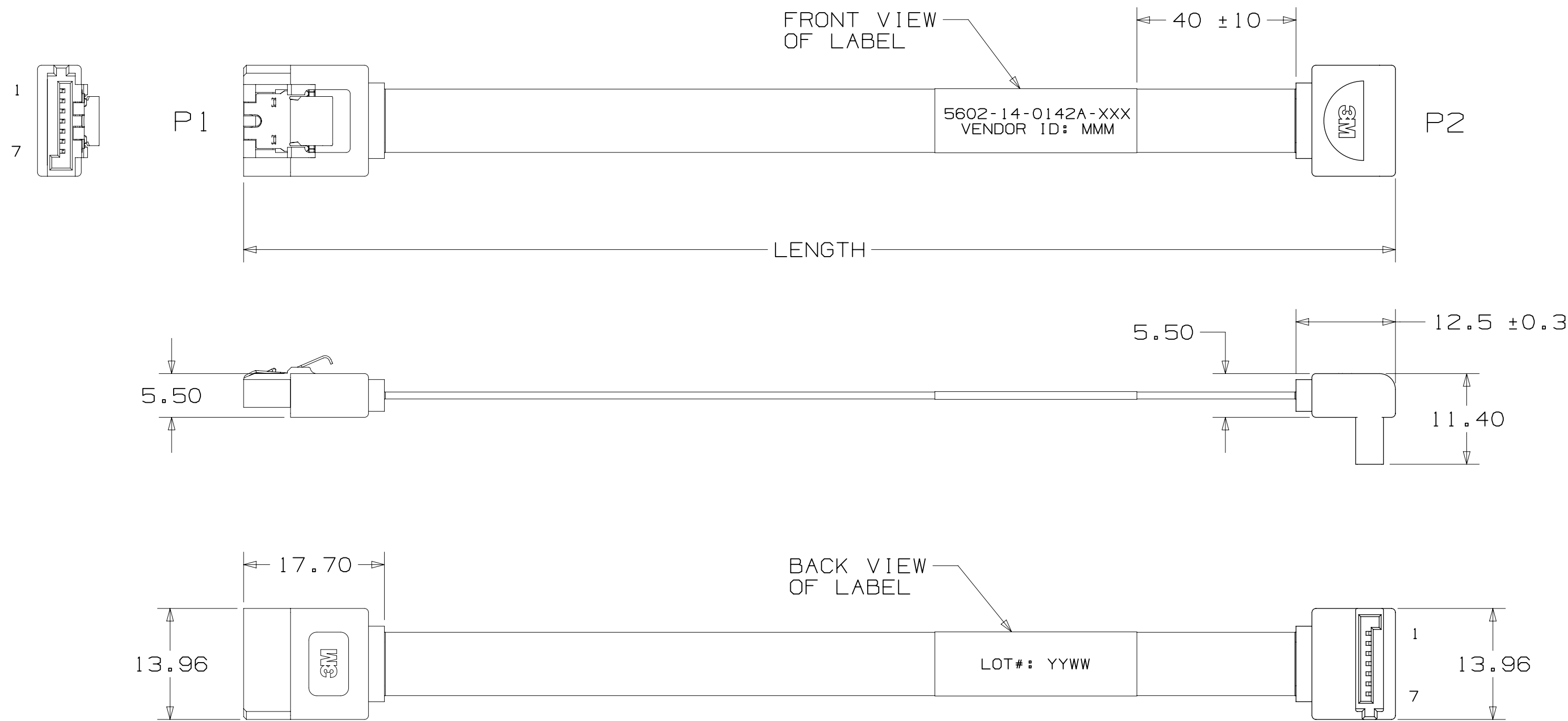
NOTES
1. REFER TO SHEET 1 FOR NOTES.



3M PART NUMBER	LENGTH (MM) SEE NOTE 7
5602-44-0142A-100	100
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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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	MFG	DATE
2	RAO VITTAPALLI	JUL 02,2018	SAJIT BANDHU	DATE
DESIGN REFERENCE				
NEXT ASSEMBLY				
DIVISION				
DO NOT SCALE DRAWING				
THIRD ANGLE PROJECTION				
MAX SURFACE ROUGHNESS				
MARKED ONLY				
TOLERANCES EXCEPT AS NOTED				
INTERPRET PER ASME Y14.5 - 2018				
MILLIMETERS				
INCHES				
CAGE NUMBER				
DRAWING NO.				
REV.				
MODEL				
LISTS				
YES				
NO				
SHT 5 OF 7				

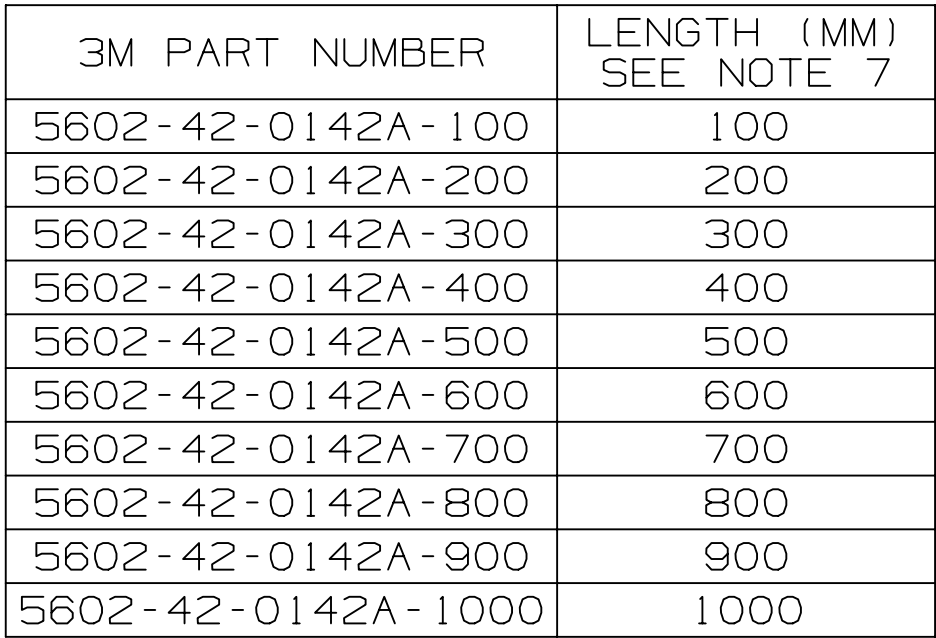
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St. Paul, MN 55144
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HIGH ROUTABILITY
INTERNAL SATA CABLE
ASSEMBLY

78-5100-4897-4
DRAWING NUMBER

A

NOTES	
1.	REFER TO SHEET 1 FOR NOTES.



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

REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHK
R40	VITTPALLI	DATE JUL 02,2018	MRG	
R40	VITTPALLI	DATE JUL 02,2018	APPROV SAJIT BANDHU	DATE JUL 02,2018
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TITLE HIGH ROUTABILITY INTERNAL SAT A CABLE ASSEMBLY				
CAGE NUMBER	SIZE	DRAWING NO.	REV	
D		78-5100-4897-4	E	
MODEL	DET	ISTS	FLYES	NO
			SHT	6 OF

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ADDRESS REFERENCE		NEXT	ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHK
					DRT RAO VITTAPALLI		DATE JUL 02,2016	MFG		DATE
					CARD RAO VITTAPALLI		DATE JUL 02,2016	APPR SAJJU BANDHU		DATE JUL 02,2016
DIVISION		DIVISION CODE EMSD								
DO NOT SCALE DRAWING		SCALE		TOLERANCES EXCEPT AS NOTED						
THIRD ANGLE PROJECTION				INCHES +0 + .00 -.009 +.000						
INTERPRET PER ASME Y14.5 2018				MILLIMETERS 0 +2 +0.00 ±0.25 -0.00 ±0.15 +0.00 ±0.05						
MAX SURFACE ROUGHNESS 		FLAT SURFACES								
		MARKED ONLY		ANGLE						
MODEL					SIZE	DRAWING NO.				REV
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TITLE					HIGH ROUTABILITY INTERNAL SATA CABLE ASSEMBLY					
CAGE NUMBER						78-5100-4897-4				
MODEL					DET	YES ☐ YES ☒ NO ☐				SHT 6 OF 6

8

7

6

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1

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

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

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Electronics Materials Solutions Division
13011 McCallen Pass, Bldg. C
Austin, TX 78753-5380
1-800-225-5373
www.3M.com/interconnect

DESIGN REFERENCE

NEXT ASSEMBLY

RAO VITTAPALLI

RAO VITTAPALLI

RAO VITTAPALLI

RAO VITTAPALLI

DO NOT SCALE DRAWING

SCALE

THIRD ANGLE PROJECTION

MAX SURFACE ROUGHNESS

MARKED ONLY

TOLERANCES EXCEPT AS NOTED

INTERPRET PER ASME Y14.5 - 2018

MILLIMETERS

INCHES

ANGLES

3M

3M Center
St. Paul,
MN 55144

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TITLE

HIGH ROUTABILITY
INTERNAL SATA CABLE
ASSEMBLY

CAGE NUMBER

SIZE

DRAWING NO.

REV.

MODEL

DET

LISTS

YES

NO

SHT 7 OF 7

REV

ECO

ISSUE DATE AND DESCRIPTION

DRFT

CHKD

114747

MAY 13,2024

REVISE AND REDRAWN

JNC

MML

47119

APR 09,2013

ADD SHEET 8 & 9

RV

RV

43801

DEC 31,2012

CABLE P/N CHANGE

RV

RV

42030

JUL 07,2012

REVISED DRAWING

RV

RV

37492

SEP 05,2011

REVISED DRAWING

RV

RV

RAO VITTAPALLI

JUL 02,2018

MFG

DATE

RAO VITTAPALLI

JUL 02,2018

SAJIT BANDHU

JUL 02,2018

8

7

6

5

4

3

2

1

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