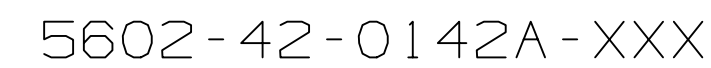
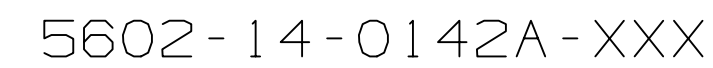
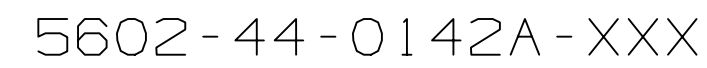
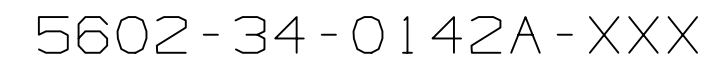
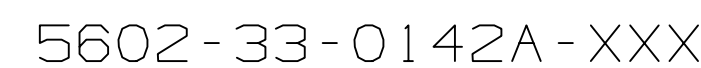
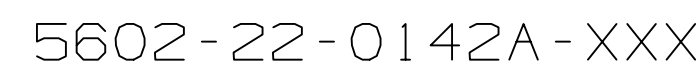
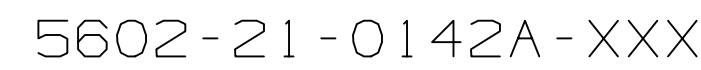
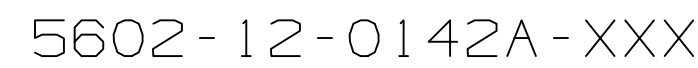
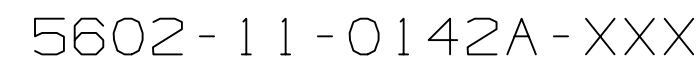


7 PIN TWINAX CABLE ASSEMBLY, STRAIGHT AND RIGHT ANGLE, WITH AND WITHOUT LATCH

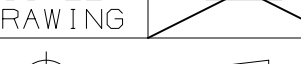


P1	TYPE	TYPE	P2
1	G	G	1
2	A+	A+	2
3	A-	A-	3
4	G	G	4
5	B-	B-	5
6	B+	B+	6
7	G	G	7



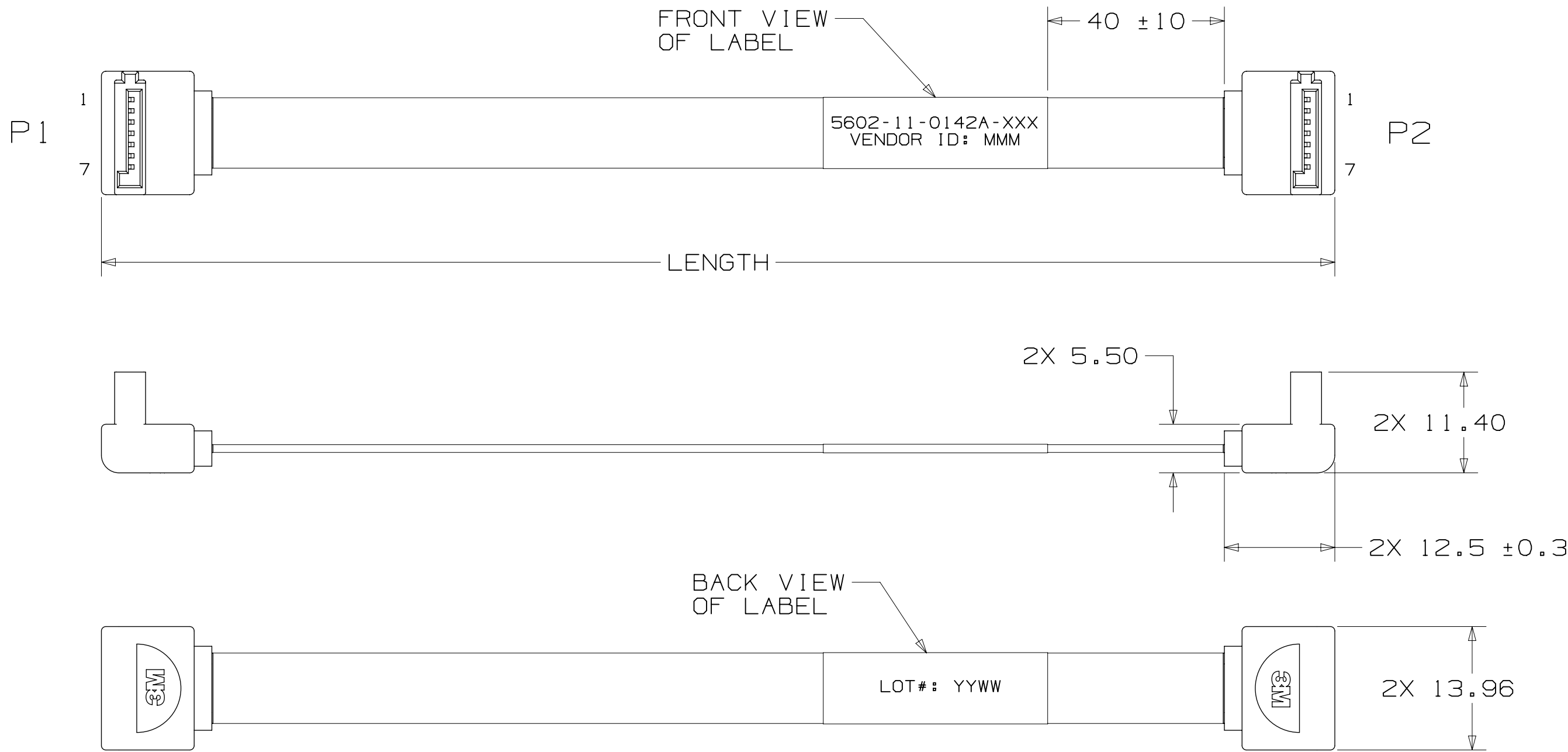
E	114747	MAY 13,2024 REVISE AND REDRAWN	JNC	MLL
D	47119	APR 09,2013 ADD SHEET 8 & 9	RV	RV
C	43801	DEC 31,2012 CABLE P/N CHANGE	RV	RV
B	42030	JUL 07,2012 REVISED DRAWING	RV	RV
A	37492	SEP 05,2011 REVISED DRAWING	RV	RV

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DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
ADDRESS CODES				DRFT RAO VITTHAPALLI		DATE JUL 02, 2016	MFG	DATE	
				CHKD RAO VITTHAPALLI		DATE JUL 02, 2016	APPRV SAUJIT BANDHU	DATE JUL 02, 2016	
DIVISION		DIVISION CODE EMSD		 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.			
DO NOT SCALE DRAWING		TOLERANCES EXCEPT AS NOTED							
 THIRD ANGLE PROJECTION INTERPRET PER ASME Y14.5 - 2018		INCHES .0 + .00 - .000 + .0000		TITLE HIGH ROUTABILITY INTERNAL SATELLITE CABLE ASSEMBLY					
MAX. SURFACE ROUGHNESS ✓ ☐ MARKED ONLY		MILLIMETERS 0 + .2 - .0 + .05 - .0 + .15 - .0 + .05							
CAGE NUMBER D 78-5100-4897-4				SIZE DRAWING NO. 78-5100-4897-4		REV. E			
MODEL				DET.		SHS ☐ YES ☒ NO SHT 1 OF 7			

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

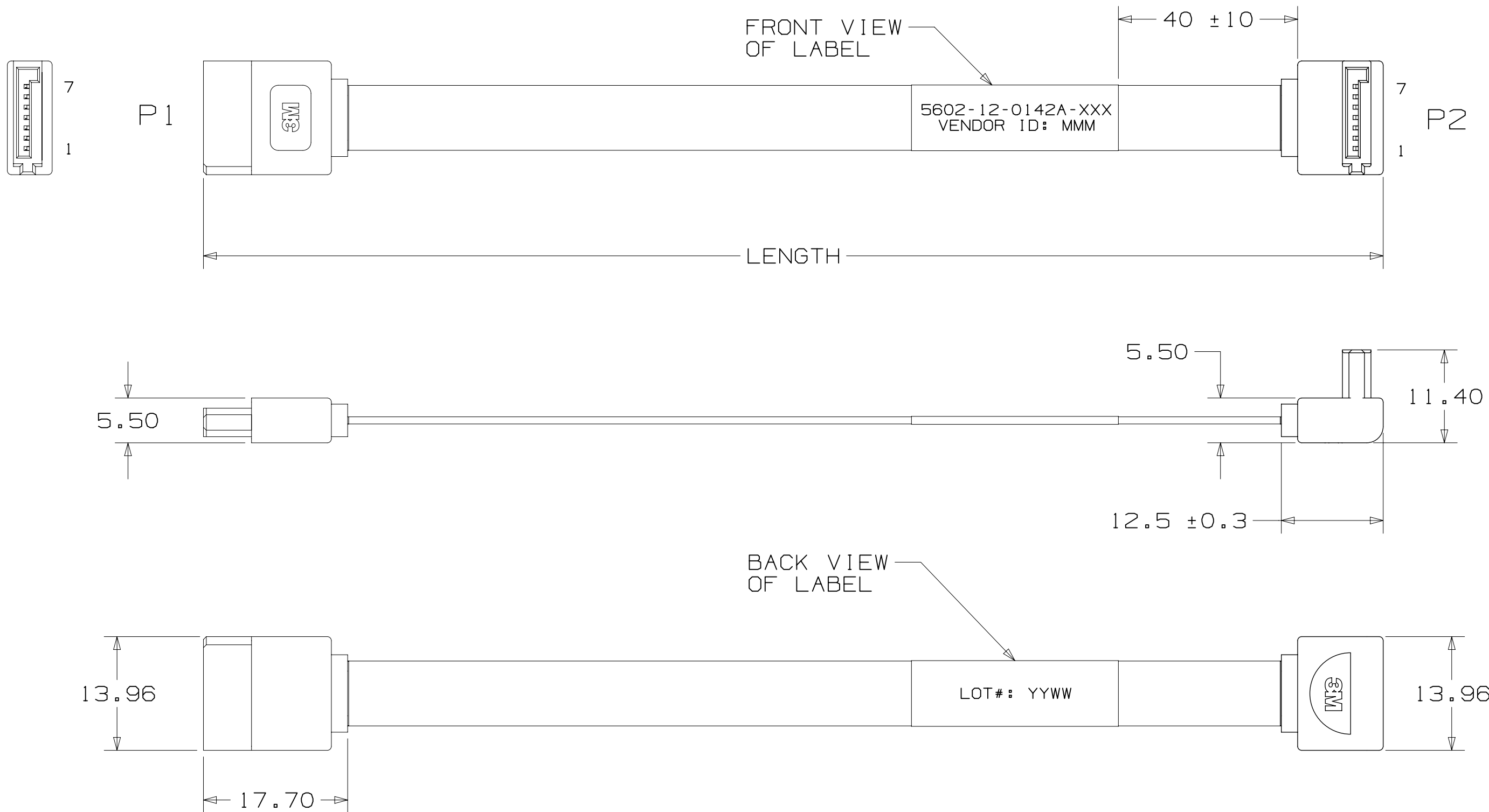
NOTES
1. REFER TO SHEET 1 FOR NOTES.



3M PART NUMBER	LENGTH (MM) SEE NOTE 7
5602-11-0142A-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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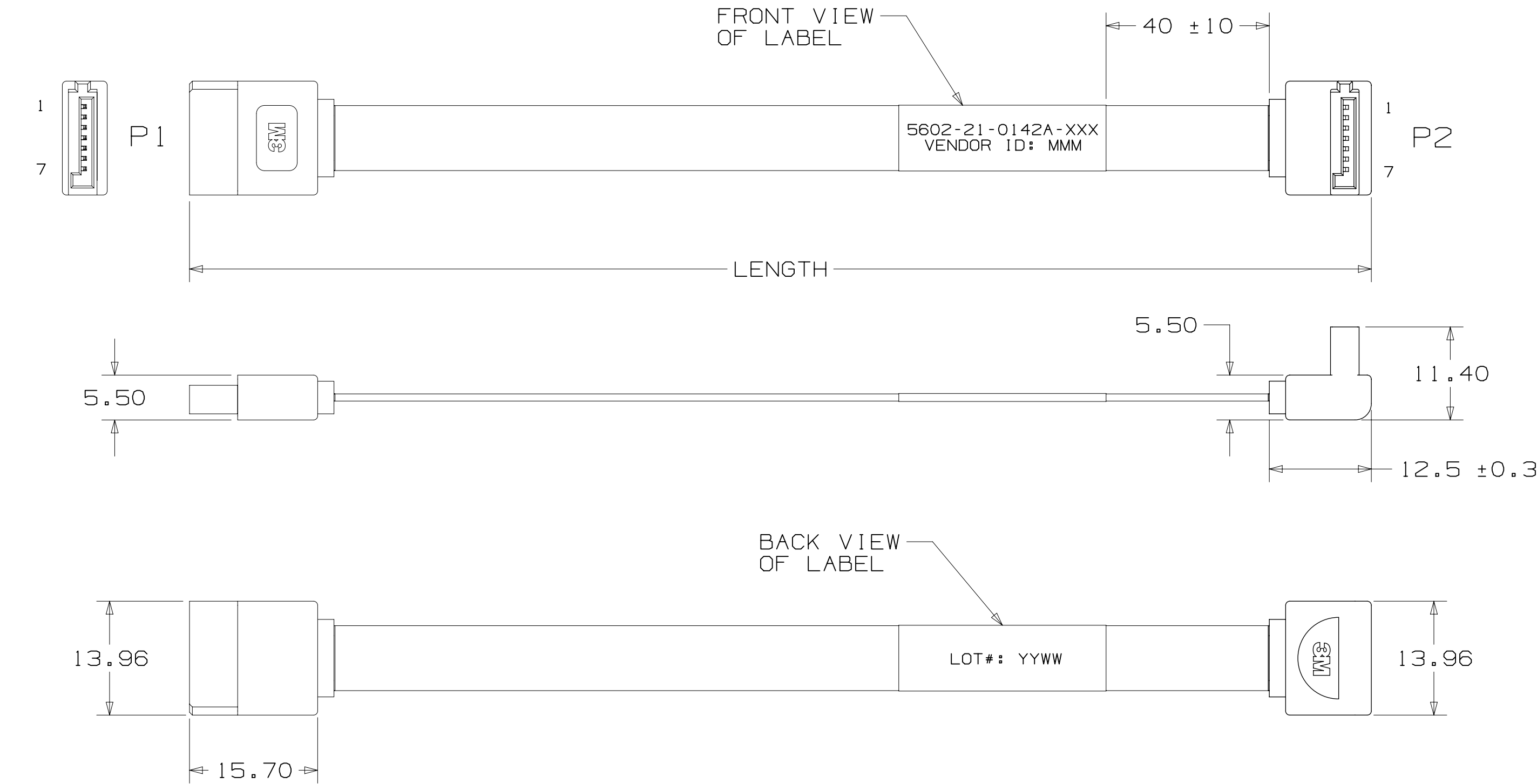
E	114747	MAY 13,2024	JNC	MML
D	47119	REVISE AND REDRAWN	RV	RV
C	43801	ADD SHEET 8 & 9	RV	RV
B	42030	CABLE P/N CHANGE	RV	RV
A	37492	REVISED DRAWING	RV	RV
		SEP 05,2011		
		REVISED DRAWING		

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
XXXXX CODES		DRFT RAO VITTAPALLI	DATE JUL 02,2018	MFG	DATE	
DIVISION	DIVISION CODE EMSD	CHKD RAO VITTAPALLI	DATE JUL 02,2018	APPRV SAJIT BANDHU	DATE JUL 02,2018	
DO NOT SCALE DRAWING	SCALE	TOLERANCES EXCEPT AS NOTED	INCHES 0 ±.00 ±.002 ±.0000	MILLIMETERS 0 ±.2 ±.0 ±.05 ±.000	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	MAX SURFACE ROUGHNESS 12.5 SURFACES MARKED ONLY	INCHES 0 ±.00 ±.002 ±.0000	MILLIMETERS 0 ±.2 ±.0 ±.05 ±.000	TITLE HIGH ROUTABILITY INTERNAL SATA CABLE ASSEMBLY	CAGE NUMBER D78-5100-4897-4
						MODEL REV. E

DET
LISTS
YES
NO
SHT 2 OF 7

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

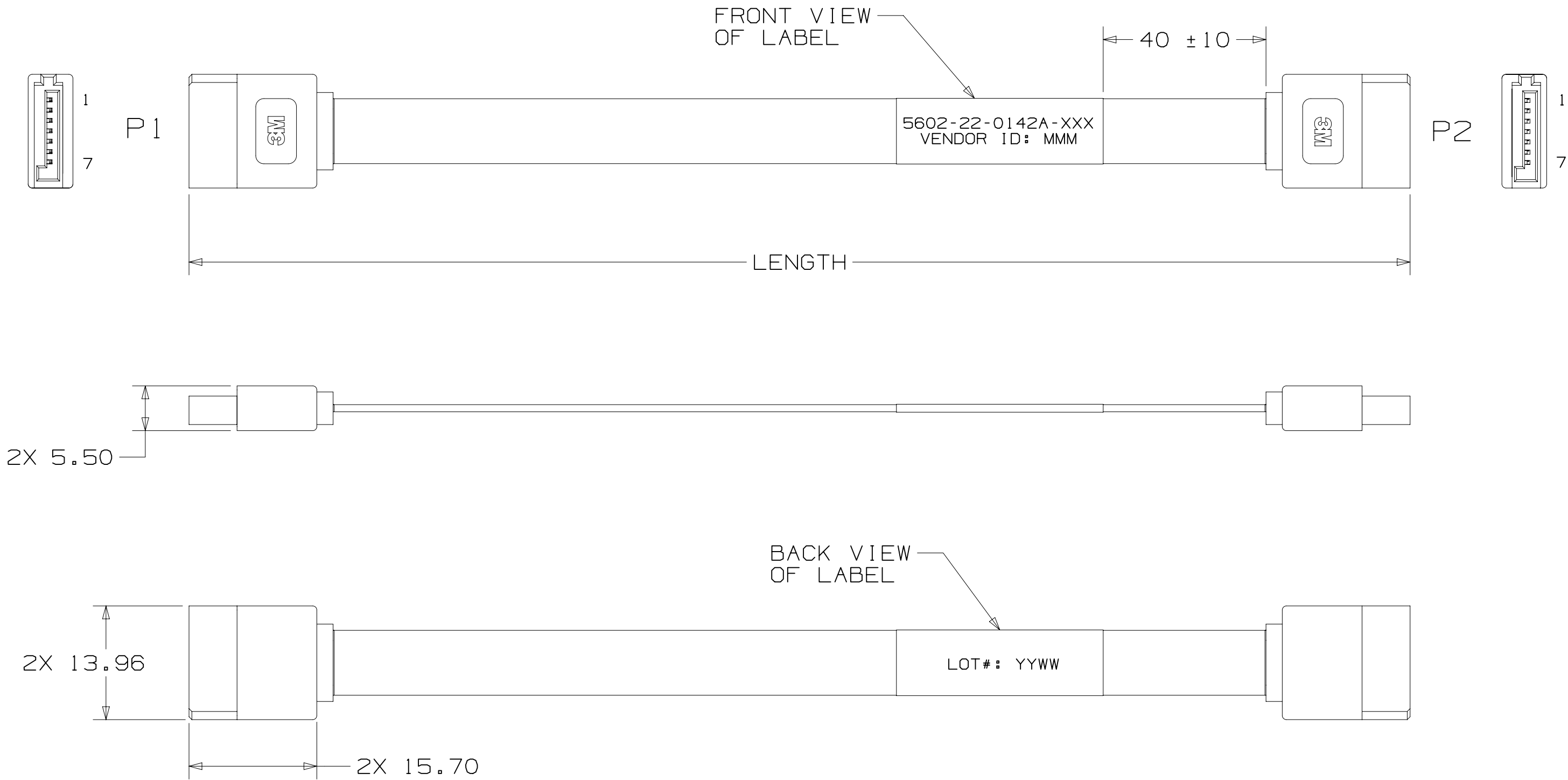
NOTES
1. REFER TO SHEET 1 FOR NOTES.



3M PART NUMBER	LENGTH (MM) SEE NOTE 7
5602-21-0142A-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.

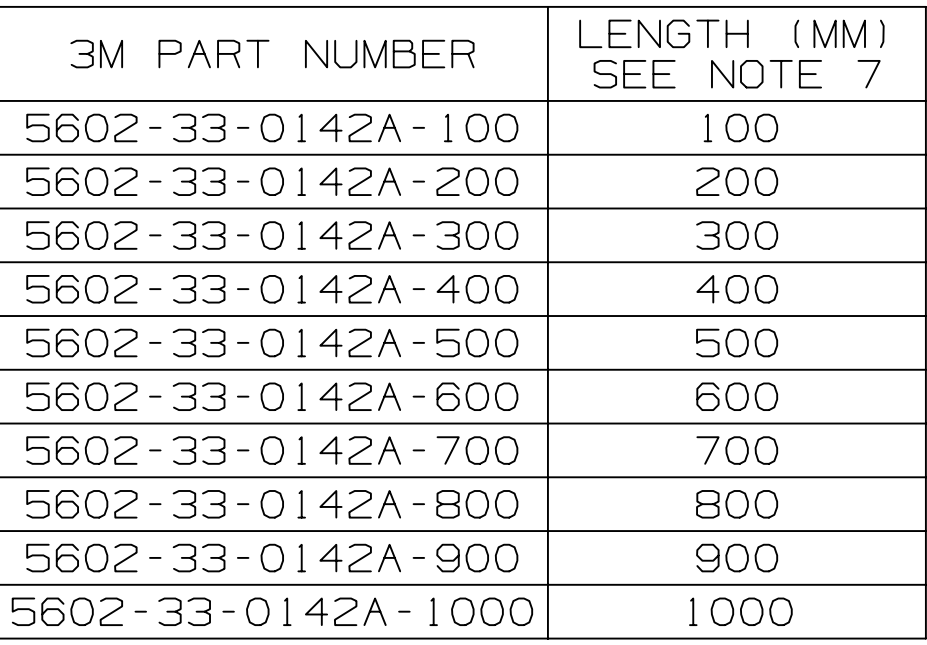
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<http://www.3M.com/interconnect>

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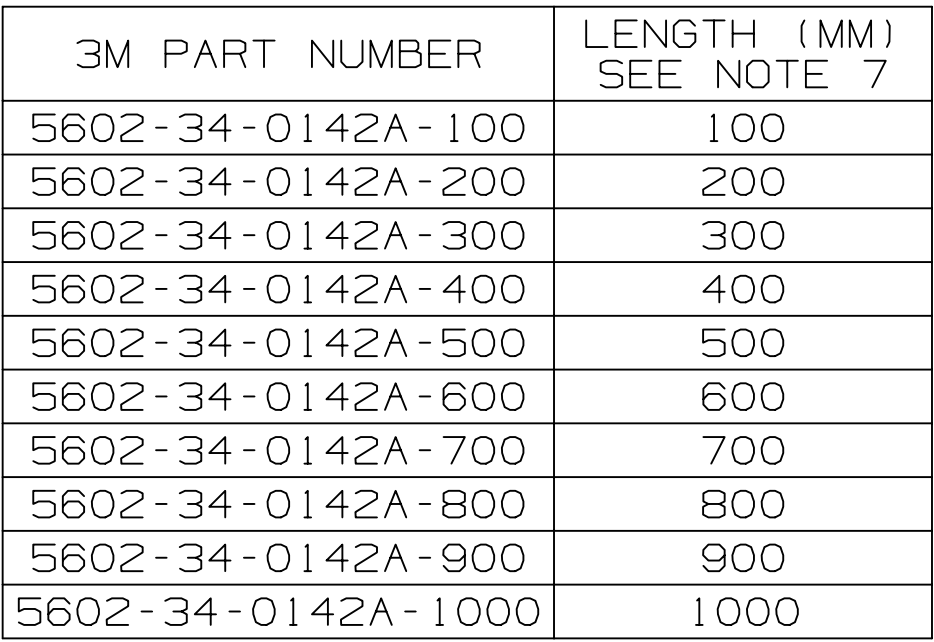
E	114747	MAY 13,2024	JNC	MML
D	47119	REVISE AND REDRAWN	RV	RV
C	43801	ADD SHEET 8 & 9	RV	RV
B	42030	CABLE P/N CHANGE	RV	RV
A	37492	REVISED DRAWING	RV	RV
		SEP 05,2011		
		REVISED DRAWING		

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
APPROV CODES		DRFT	RAO VITTAPALLI	DATE	JUL 02,2018	MFG
DIVISION	DIVISION CODE	CHKD	RAO VITTAPALLI	DATE	JUL 02,2018	APPRV
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					
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TITLE						
HIGH ROUTABILITY INTERNAL SATA CABLE ASSEMBLY						
CAGE NUMBER						
D78-5100-4897-4						
REV.						
E						
MODEL						
DET						
LISTS						
YES						
NO						
SHT 3 OF 7						

NOTES	
1.	REFER TO SHEET 1 FOR NOTES.



LENGTH IN MM,
XXX REFERS TO 1000mm.



LENGTH IN MM,
XXX REFERS TO 1000mm.

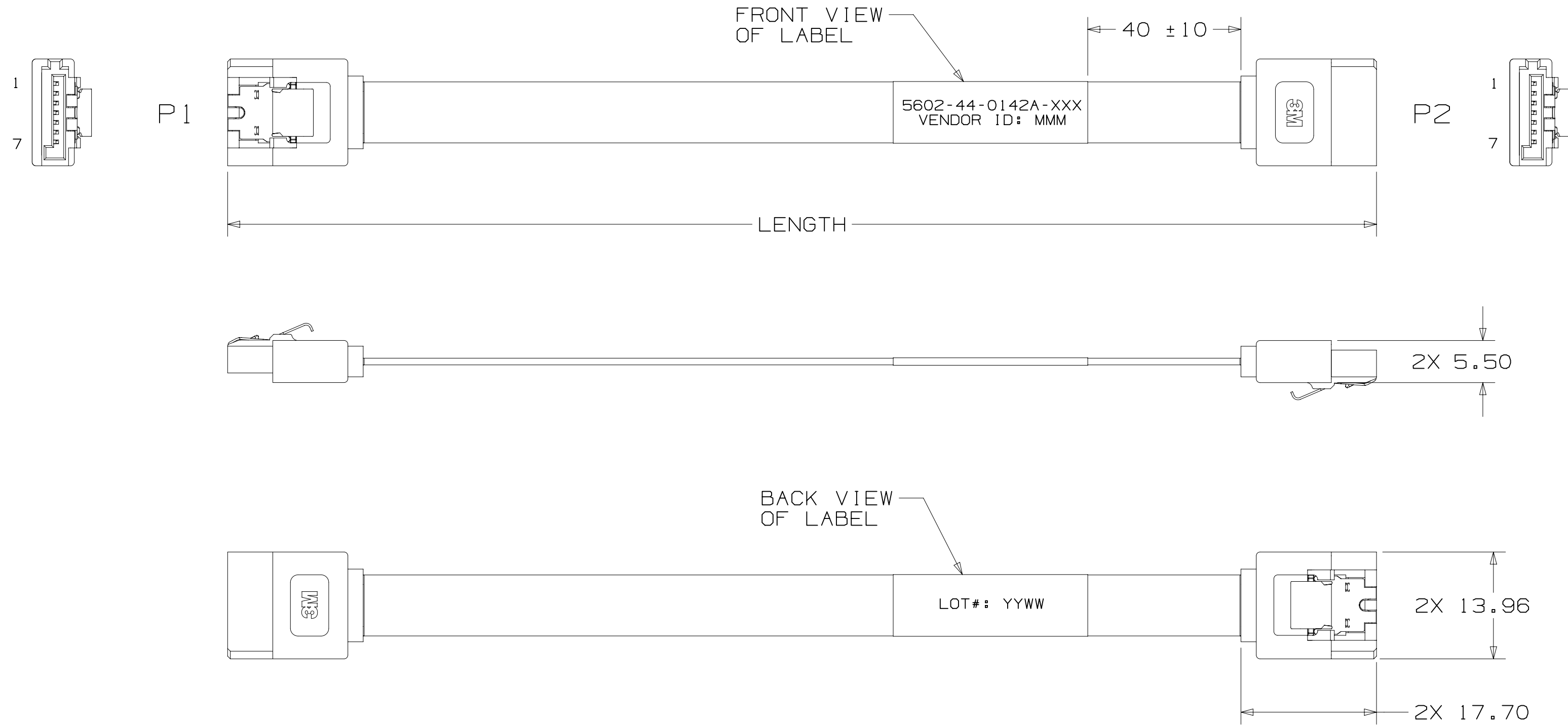
E	114747	MAY 13,2024 REVISE AND REDRAWN	JNC	MM
D	47119	APR 09,2013 ADD SHEET 8 & 9	RV	RV
C	43801	DEC 31,2012 CABLE P/N CHANGE	RV	RV
B	42030	JUL 07,2012 REVISED DRAWING	RV	RV
A	37492	SEP 05,2011 REVISED DRAWING	RV	RV

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

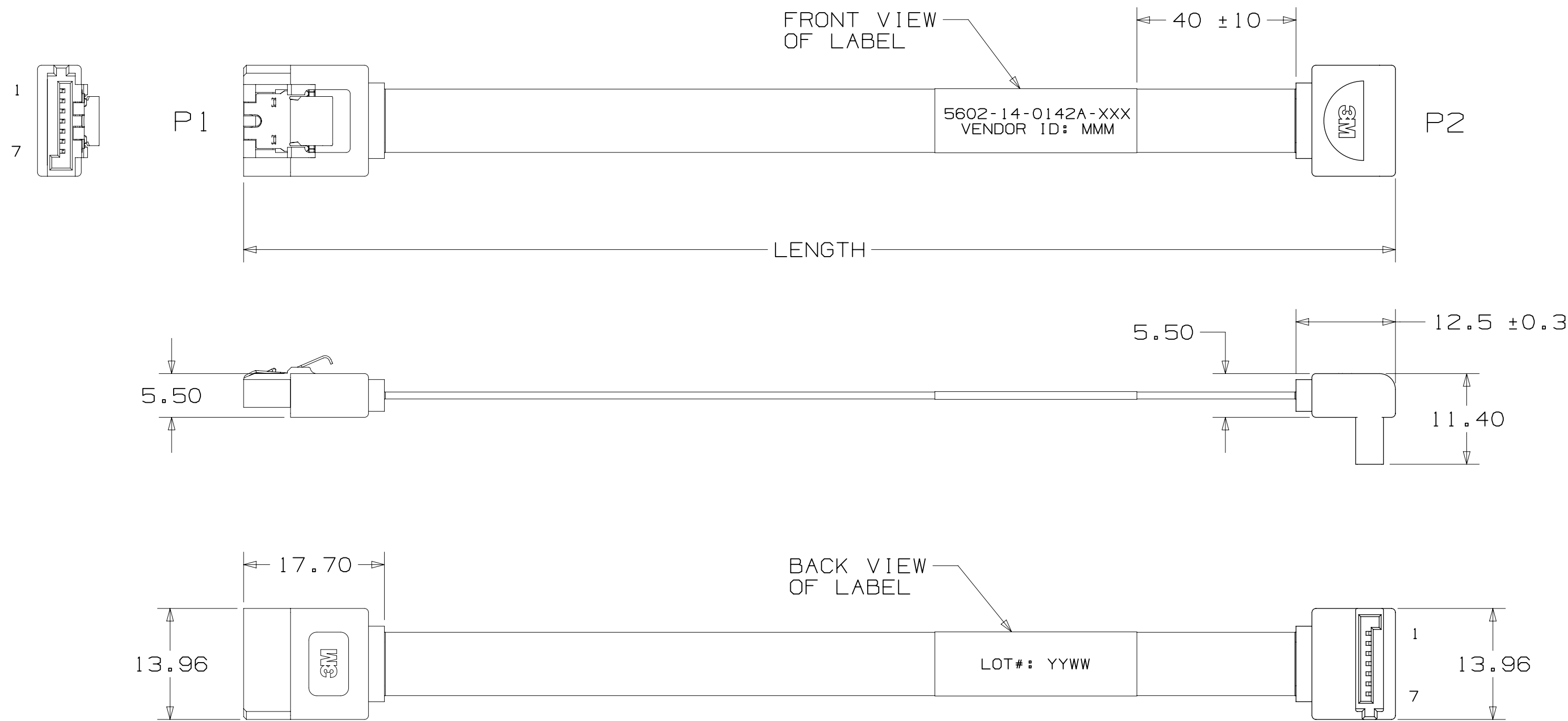
NOTES
1. REFER TO SHEET 1 FOR NOTES.



3M PART NUMBER	LENGTH (MM) SEE NOTE 7
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.

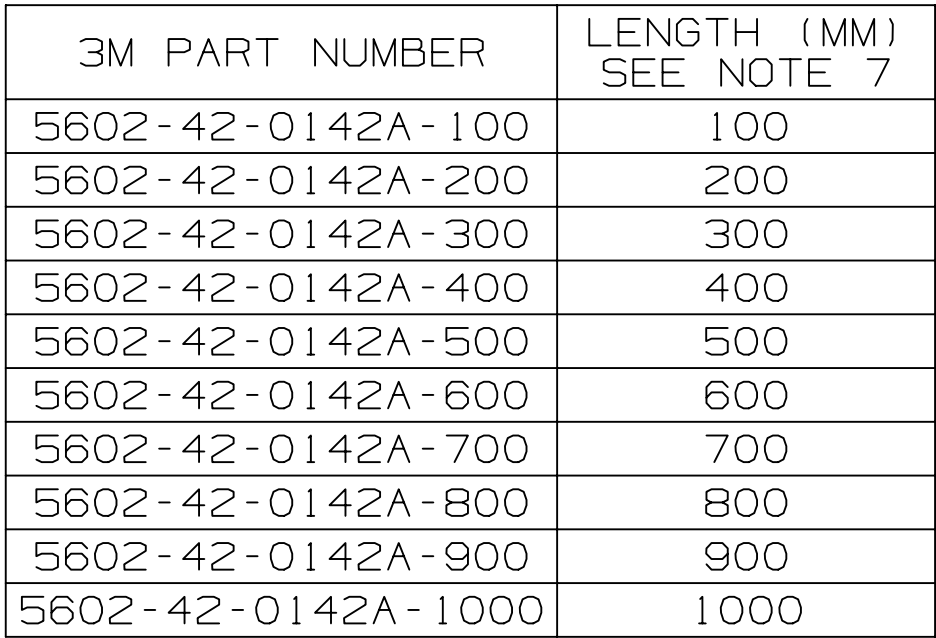
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E	114747	MAY 13,2024	JNC	MML
D	47119	REVISE AND REDRAWN	RV	RV
C	43801	ADD SHEET 8 & 9	RV	RV
B	42030	CABLE P/N CHANGE	RV	RV
A	37492	REVISED DRAWING	RV	RV

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
3M Center St. Paul, MN 55144				
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TITILE				
HIGH ROUTABILITY INTERNAL SATA CABLE ASSEMBLY				
CAGE NUMBER	SIZE	DRAWING NO.	REV.	
D	78-5100	4897-4	E	
MODEL	DET	LISTS	YES	NO
			SHT	5 OF 7

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
0	RAC	VITTPALLI	DATE JUL 02,2018	MFG	DATE
0	RAC	VITTPALLI	DATE JUL 02,2018	APPRO 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	0

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DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHK			
ACCESS CODES		DRAWN BY	VITTAPALLI	DATE JUL 02, 2018	MFG	DATE			
		CHECKED BY	RAO VITTAPALLI	DATE JUL 02, 2016	APPROV	SAJUVI BANDHU			
						DATE JUL 02, 20			
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DO NOT SCALE DRAWING	SCALE	TOLERANCES EXCEPT AS NOTED	3M Center St., Paul, MN 55144						
THIRD ANGLE PROJECTION	INCHES	+	HIGH ROUTABILITY INTERNAL SATA CABLE ASSEMBLY						
	-	.0000							
	.	.0000							
	X	.0000							
INTERPRET PER ASME Y14.5 - 2018	MILLIMETERS	±	SIZE DRAWING NO. D 78-5100-4897-4						
	±	.00 ± .05							
	±	.00 ± .05							
	±	.0000 ± .05							
MAX SURFACE ROUGHNESS	ANGLE		CAGE NUMBER	MODEL	DET.	SHT 6 OF			
✓ ☐ MARKED ONLY					YES ☐ YES ☒ NO ☐				

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	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

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TITLE HIGH ROUTABILITY INTERNAL SATA CABLE ASSEMBLY		