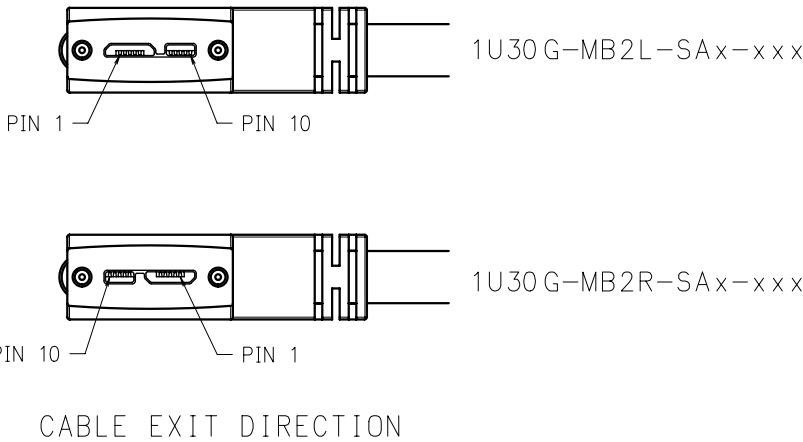
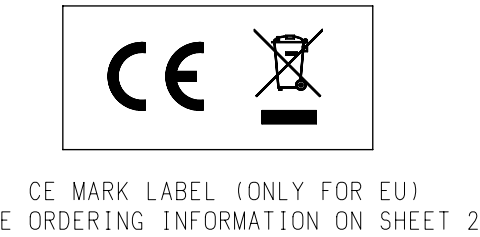
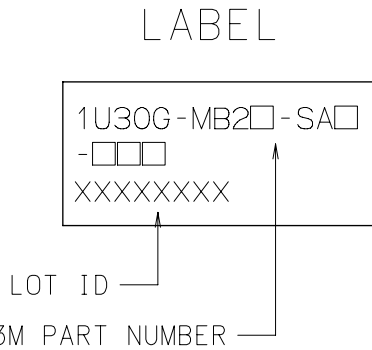
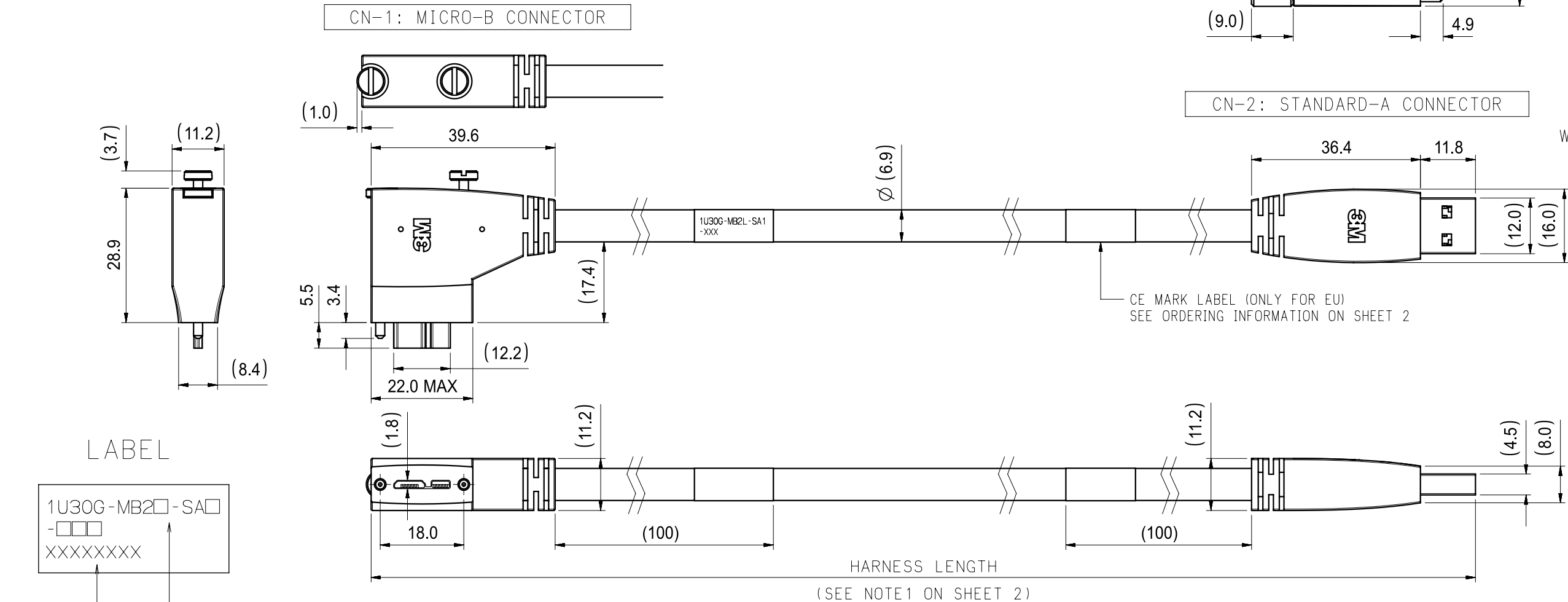
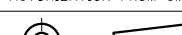


3M™ USB3 VISION CABLE ASSEMBLY, 1U30G SERIES
90° ANGLE TYPE (RIGHT/LEFT)

- USB3.0 SUPER SPEED DATA TRANSFER RATES UP TO 5Gbps
- HIGH TRANSMISSION CHARACTERISTICS THAT ENABLES OVER 6m TRANSMISSION
- HIGH FLEX LIFE CABLE OF OVER 50 MILLION CYCLES* FOR BENDING/SLIDING APPLICATION (*WITH DRAG CHAIN AT R50mm)
- SECURE CONNECTION WITH LOCKING SCREW
- ROHS COMPLIANT



TOLERANCES EXCEPT AS NOTED	DFTG M.NAITOU	DATE FEB.28,2022
INCHES .0 ± .00 ± .000 ±	CHKD S.YOKOYAMA	DATE FEB.28,2022
	MFG	DATE
	APPVL Y.KAWATE	DATE FEB.28,2022
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MILLIMETERS	 THIRD ANGLE PROJECTION	
.0 ± .5 .00 ± .20 .000 ± N/A		
ANGLES ±5°		

A		INITIAL RELEASE		FEB.28,2022		MN		SY					
REV.		ECO		ISSUE DATE AND DESCRIPTION				DRFT		CHKD			
3M JAPAN Innovation				DIVISION				EMSD				MODEL	
				DIVISION CODE									
TITLE													
USB3 VISION CABLE ASSEMBLY													
90°ANGLE TYPE (RIGHT/LEFT)													
1U30G-MB2x-SA x-x x x													
FSCM NO.			SIZE		DRAWING NO.					REV.			
A3					78-5100-2763-0					A			
SCALE					DET LISTS ☐ YES ☐ NO					SHT 1 OF 3			

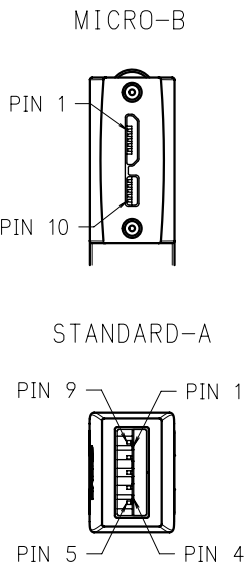
3M™ USB3 VISION CABLE ASSEMBLY, 1U30G SERIES
90° ANGLE TYPE (RIGHT/LEFT)

NOTES

1 THE TOLERANCE OF HARNESS LENGTH IS
LARGER VALUE OF EITHER +50mm/0 OR
+3%/0 OF ORDER LENGTH

PIN ASSIGNMENT

CN-1 (MICRO-B)		CABLE	CN-2 (STANDARD-A)	
1	VBUS	PWR	VBUS	1
2	D-	UTP_D-	D-	2
3	D+	UTP_D+	D+	3
4	NC	-		
5	GND	GND_PWRrt	GND	4
6	MicB_SSTX-	SDP1-	StdA_SSRX-	5
7	MicB_SSTX+	SDP1+	StdA_SSRX+	6
8	GND_Drain	Drain for SDP1,2	GND_Drain	7
9	MicB_SSRX-	SDP2-	StdA_SSTX-	8
10	MicB_SSRX+	SDP2+	StdA_SSTX+	9
SHELL		Braid shield	SHELL	



CABLE	
UL NUMBER	UL AWM Style 21877
TEMPERATURE AND VOLTAGE RATING	105° C / 300V
SHEATH MATERIAL	PVC
COLOR	BLACK
OUTER DIAMETER	6.9mm
FLAMMABILITY	VW-1

PERFORMANCE	
OPERABLE TRANSMISSION DISTANCE	>6m (8m Max*)
FLEX DURABILITY	>50 MILLIONS CYCLES ** (WITH DRAG CHAIN @R50mm)

ENVIRONMENTAL	
OPERATING TEMPERATURE	0 to 70° C

* DEPENDS ON USAGE CONDITIONS
** RESULT UNDER 3M TEST CONDITIONS

ORDERING INFORMATION

1 U 30 G - M B 2 □ - S A □ - □ □ □ (- □ □)

CN-1 CONNECTOR: MB2 : MICRO-B WITH LOCKING SCREW
CE MARK OPTION (ONLY FOR EU)
BLANK : NONE
CE : WITH CE MARK LABEL
(ex. 1U30G-MB2x-SAx-xxx-CE)

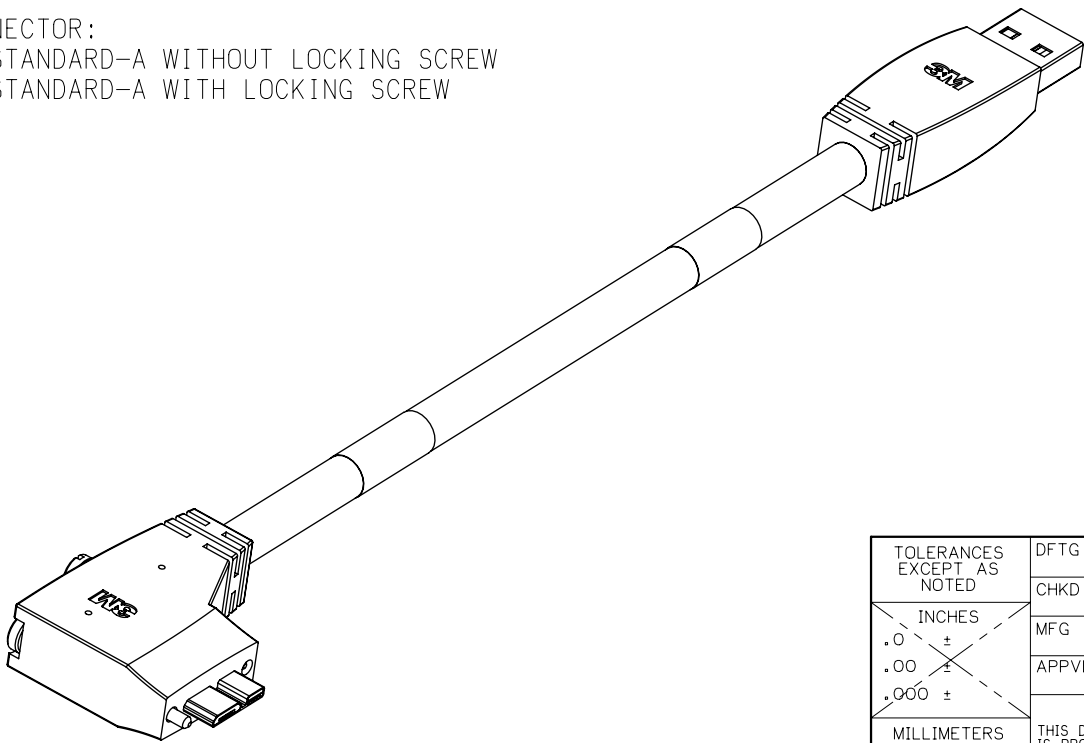
90° ANGLE TYPE CABLE EXIT DIRECTION
L or R (SEE SHEET 1)

HARNESS LENGTH (ex.150:1.50m)

CN-2 CONNECTOR:
SA1 : STANDARD-A WITHOUT LOCKING SCREW
SA2 : STANDARD-A WITH LOCKING SCREW

3M PART NUMBER (□ = "L" or "R", ○ = "1" or "2")	HARNESS LENGTH
1U30G-MB2□-SA○-0.50	0.5m
1U30G-MB2□-SA○-100	1m
1U30G-MB2□-SA○-150	1.5m
1U30G-MB2□-SA○-200	2m
1U30G-MB2□-SA○-250	2.5m
1U30G-MB2□-SA○-300	3m
1U30G-MB2□-SA○-350	3.5m
1U30G-MB2□-SA○-400	4m
1U30G-MB2□-SA○-450	4.5m
1U30G-MB2□-SA○-500	5m
1U30G-MB2□-SA○-600	6m
1U30G-MB2□-SA○-700	7m
1U30G-MB2□-SA○-800	8m

OTHER LENGTHS AVAILABLE BY SPECIAL ORDER, CONTACT 3M FOR DETAILS.



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ANGLES ±5°	APPVL Y.KAWATE	DATE FEB.28,2022
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THIRD ANGLE PROJECTION		

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USB3 VISION CABLE ASSEMBLY													
90° ANGLE TYPE (RIGHT/LEFT)													
1U30G-MB2x-SA _x -xxx													
FSCM NO.			SIZE		DRAWING NO.					REV.			
			A3		78-5100-2763-0					A			
SCALE					DET LISTS ☐ YES ☐ NO					SHT 2 OF 3			

DRAWING NO. 78-5100-2763-0 A

3M™ USB3 VISION CABLE ASSEMBLY, 1U30G SERIES
90° ANGLE TYPE (RIGHT/LEFT)

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REV.	ECO	ISSUE DATE AND DESCRIPTION				DRFT	CHKD
DFTG		M.NAITOU		DATE		FEB.28,2022	
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TOLERANCES EXCEPT AS NOTED		INCHES		.0 ± .5		.00 ± .20	
		MILLIMETERS		.0 ± .5		.00 ± .20	
				.000 ± N/A			
ANGLES		±5°					
THIRD ANGLE PROJECTION							
FSCM NO.		SIZE		DRAWING NO.		REV.	
		A3		78-5100-2763-0		A	
SCALE		DET LISTS		YES NO		SHT 3 OF 3	