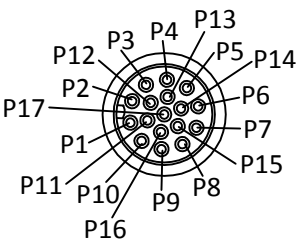
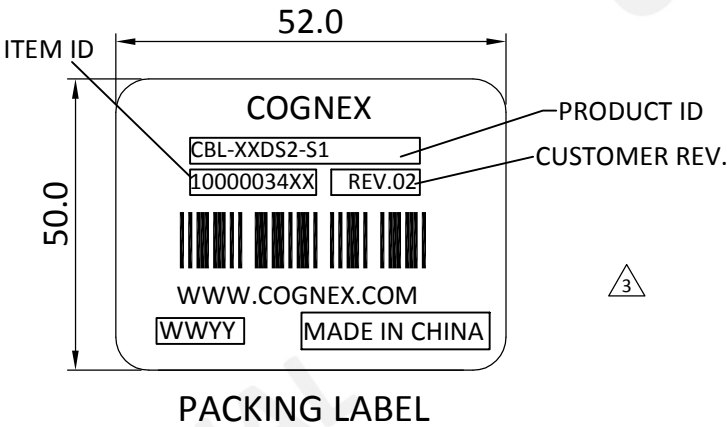
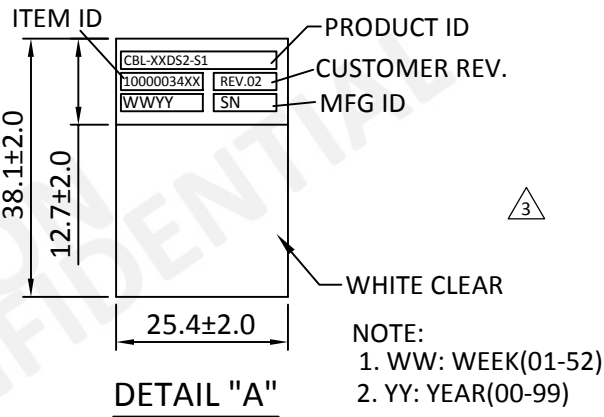
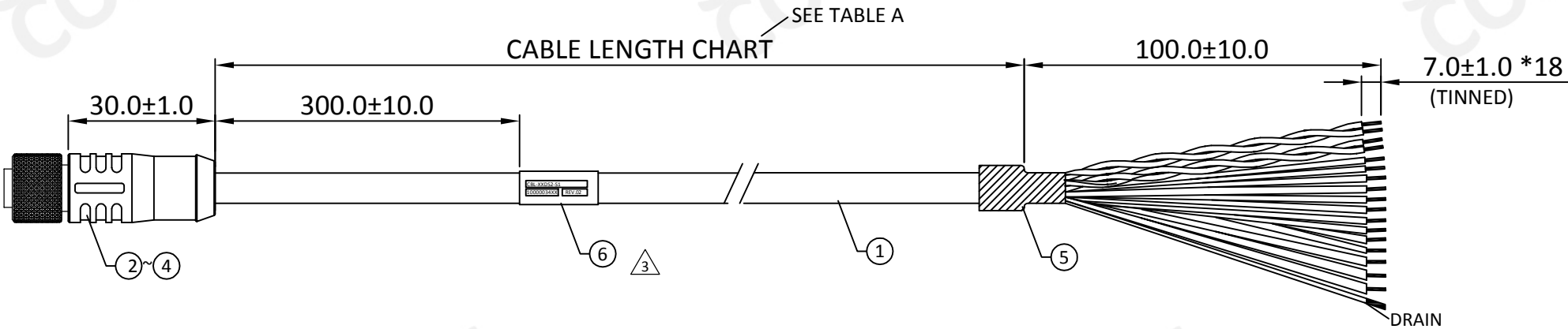


REV.	ECN NO.	DATE	BY	DESCRIPTION
1		Dec/13/2018	Jw Gong	RELEASED
2		Oct/08/2019	Amanda Yang	CHANGE DIMENSION & ITEM ID
3		Dec/06/2019	Amanda Yang	ADD PID & REV.



CONN 1



WIRE RUN LIST			
AWG	CONN 1		COLOR
26	1		YELLOW
	2		WHITE/YELLOW
26	3		BROWN
	4		WHITE/BROWN
26	5		PURPLE
26	6		WHITE/PURPLE
24	7		RED
	8		BLACK
26	9		GREEN
	10		ORANGE
	11		BLUE
	12		GRAY
	13		WHITE/GREEN
	14		WHITE/ORANGE
	15		WHITE/BLUE
	16		WHITE/GRAY
	17		WHITE/RED
SHIELD	SHELL		BRAID+DRAIN

SINBON P/N	ITEM ID	CABLE LENGTH	PRODUCT ID
A9195545	1000003447	2m +100mm / -0	CBL-02DS2-S1
A9195545-01	1000003448	5m +200mm / -0	CBL-05DS2-S1
A9195545-02	1000003449	10m +400mm / -0	CBL-10DS2-S1
A9195545-03	1000003460	20m +600mm / -0	CBL-20DS2-S1

TABLE A

6.	1	LABEL
5.	1	H.S. TUBE, L=20mm
4.	A/R	TPU FOR OVERMOLD
3.	1	COPPER FOIL
2.	1	M12 CONN., 17P, FEMALE
1.	A/R	CABLE, UL21719, #26*2P+#26*11C+#24*2C+F+AM+D+B+P, TPU, BLACK (JPCW2126)
ITEM	QTY	DESCRIPTION

- NOTES:
- THIS CABLE MUST BE MADE FROM UL RECOGNIZED OR LISTED PARTS.
 - SEE CONNECTOR VIEWS FOR PIN ORIENTATIONS.
 - CABLE TO BE COILED AND PACKAGED IN A CLEAR PLASTIC BAG.
 - COGNEX LOGO FONT: UROSTILE EXT2.
 - BARCODE CONTENT: 10000034XX.
BARCODE TYPE: 128 6MM HIGH (MIN).
 - RoHS COMPLIANCE.

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CUSTOMER :		Cognex	
CUSTOMER P/N :		10000034XX	REV. 02
UNLESS OTHERWISE SPECIFIED TOLERANCE :		Dec/06/2019 Amanda Yang	Dec/06/2019 Eason Zhu
1 ~ 10 : ±1 11 ~ 30 : ±2 31 ~ 50 : ±3 51 ~ 200 : ±5 201 ~ 400 : ±7 > 401 : ±10 ANGLES : ±1°		Dec/06/2019 Jinlin Sun	
DESCRIPTION :		CABLE ASSEMBLY	
PART NUMBER :		C A9195545 SERIES	REV. 3
SIZE		A3	UNIT mm
SCALE		NONE	SHEET 1 of 2

12345678

REV.	ECN NO.	DATE	BY	DESCRIPTION
1		Dec/13/2018	Jw Gong	RELEASED
2		Oct/08/2019	Amanda Yang	CHANGE DIMENSION
3		Dec/06/2019	Amanda Yang	ADD PID & REV.

	Component	Parameter	Requirement
M12-17P Female	Nut	Material	Brass
		Plating	Nickel
		Size(knurl length)	10.6mm
	Coding	Type	A Code
	Sockets	Material	Brass
		Plating	Au
		Type	IEC
	Insert	Material	PBT
	Overmold	Material	TPU
Strain Relief	Length	30mm	
Flying Lead	Termination		Stripped 7mm and Tinned
Cable	Type	Type	26AWG*2P+26AWG*11C+24AWG*2C
		UL Style	UL21719
	Jacket	Jacket material	TPU
		Jacket thickness	0.75mm
		Overall dia	7.0mm
		Jacket color	Black
	Conductors	Number of Conductors	26AWG*2P+26AWG*11C+24AWG*2C
		Wire	TINNED STRANDED COPPER
		Cond insulation material	PP
		Cond overall dia	26AWG:0.9mm, 24AWG:1.0mm
	Shield	Type	Foil/Tinned CU braid
Braid wire		38 AWG	
Braid coverage		>=70%	
Cable Assembly	Performance	Current rating	1A
		Voltage rating	30V
		Temp Rating	80
		Bending test (raw cable)	Follow Cable Test Plan (Rev 1.0)
		Torsional test (raw cable)	Follow Cable Test Plan (Rev 1.0)
		Compliance (elect)	UL
		Compliance (env)	RoHS
		Flame Rating	VW-1
		Protection (moisture)	Cognex Ingress Test P19-0142 Rev.A (only for M12 CONN)
		Packaging	Bag
	Label on bag		Cognex PN w/barcode

Test and Qualification	Vendor	Cognex
Cognex Ingress Test P19-0142 Rev.A	X	X
Connector Compatibility		X
Wiring Validation	X	X
Functionality	X	X
EMI		X
Mechanical Dimensions	X	X
Workmanship	X	X
Packaging and Labelling verification	X	X
Flex Life(Bending test)	X	
Business Unit review/approval		X

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CUSTOMER :
Cognex

CUSTOMER P/N :
10000034XX

REV.
302

UNLESS OTHERWISE SPECIFIED
TOLERANCE :
1 ~ 10 : ±1
11 ~ 30 : ±2
31 ~ 50 : ±3
51 ~ 200 : ±5
201 ~ 400 : ±7
> 401 : ±10
ANGLES : ±1°

DRA.
Dec/06/2019
Amanda Yang

CHK.
Dec/06/2019
Eason Zhu

APR.
Dec/06/2019
Jinlin Sun

SINBON
SINBON Electronics Co., Ltd.

DESCRIPTION :
CABLE ASSEMBLY

PART NUMBER :
C A9195545 SERIES

REV.
3

 SIZE
A3

UNIT
mm

SCALE
NONE

SHEET
2 of 2

GDP-D-071 A