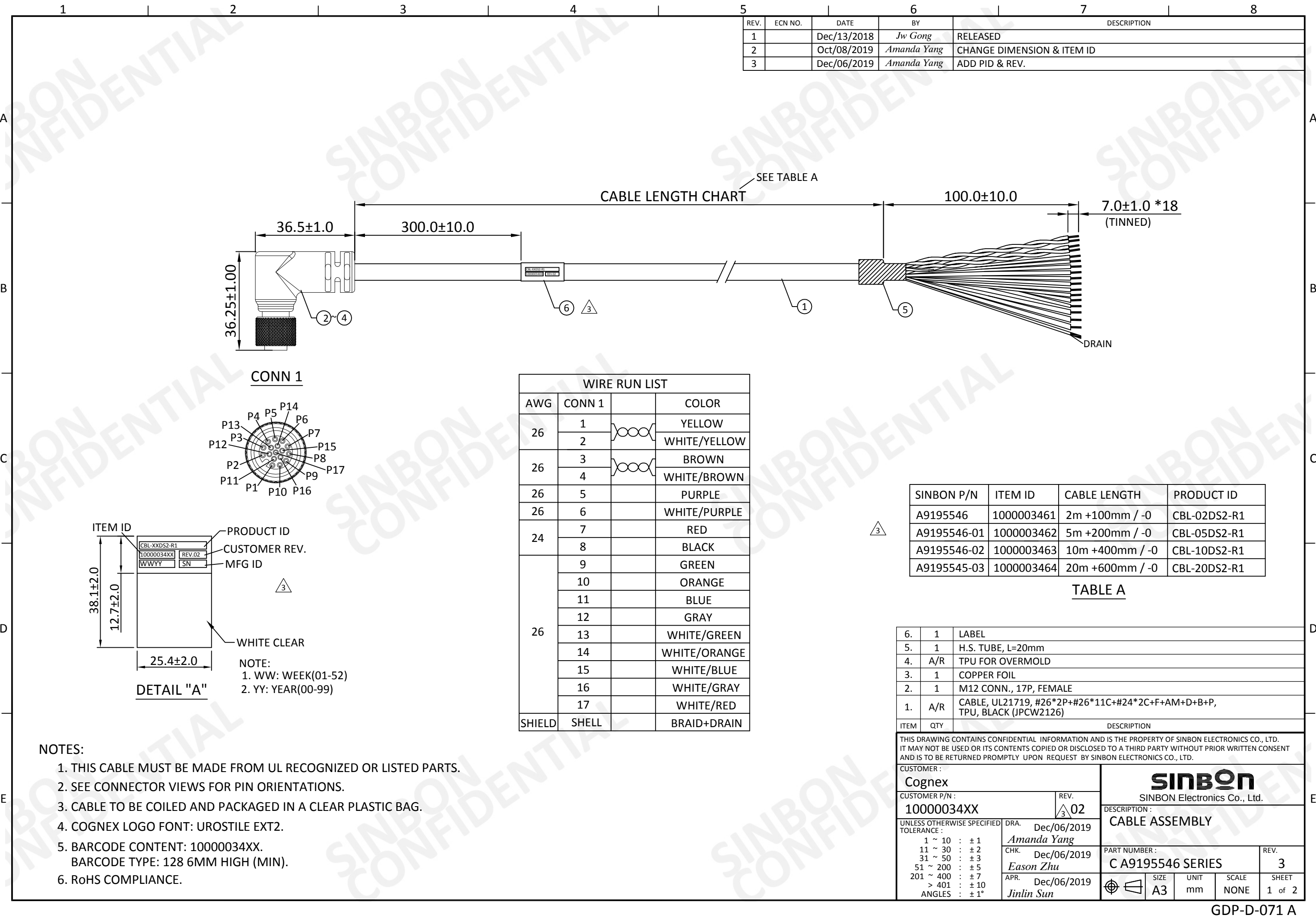




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REV.	ECN NO.	DATE	BY	DESCRIPTION
1		Dec/13/2018	Jw Gong	RELEASED
2		Oct/08/2019	Amanda Yang	CHANGE DIMENSION & ITEM ID
3		Dec/06/2019	Amanda Yang	ADD PID & REV.

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	
	36.5mm	
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	
	Re-Sealable Clear poly	
	Label on bag	
	Cognex PN w/barcode	

ITEM ID

52.0

50.0

COGNEX

CBL-XXDS2-R1

10000034XX

REV.02

WWW.COGNEX.COM

WWYY

MADE IN CHINA

PRODUCT ID

CUSTOMER REV.

PACKING LABEL

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

UNLESS OTHERWISE SPECIFIED

TOLERANCE :

1 ~ 10 : ±1

11 ~ 30 : ±2

31 ~ 50 : ±3

51 ~ 200 : ±5

201 ~ 400 : ±7

> 401 : ±10

ANGLES : ±1°

REV.

302

DRA.

Dec/06/2019

CHK.

Amanda Yang

Dec/06/2019

Eason Zhu

Dec/06/2019

Jinlin Sun

SINBON

SINBON Electronics Co., Ltd.

DESCRIPTION :

CABLE ASSEMBLY

PART NUMBER :

C A9195546 SERIES

REV.

3

SIZE

A3

UNIT

mm

SCALE

NONE

SHEET

2 of 2

GDP-D-071 A