



SPECIFICATION

MATERIAL

Insulator: thermal plastic, rated UL94V-0
 Contacts: Copper Alloy
 Contacts type: SOLDER type
 metal parts : stell with Ni plating
 Cable : PVC with UV/Oil resistanct, flame resistance UL-E138961

Contacts plating
 Underplate: 50u"-100u" Nickel
 Contact area: 1u" gold
 Solder tails area: 1u" gold

General Data
 standard/Regulation: M12 connector IEC 61076-2-101
 coding: A-standard
 Number of position: 8
 AWG Singal line: 24
 Current rating: 2 Amps max.
 Insulation resistance: 100 Mohms min @ 500 VDC
 Degree of protection: IP 67
 Temperature range: -20°C TD +85°C
 Mating cycles: 100 Insertions

Part no.

CBLWS8 F A8 A A B A01 FG
 1 2 3 4 5 6 7 8

1.SERIES NO.

CBLWS8=WATER PROOF SERIES CABLE

2. Female

A8=08/00

4.CABLE COLOR

A=CODE

5.IP:

A=IP 67

6. AWG CONDUCT COR

B=24 AWG

7.SPECIAL SPEC. DESCRIPTION

A01= CAL.BE LENGTH INCLUDE CONNECTOR.
 Exa.: 1M5=1.5M

8. GREEN OPTION

FG=RoHS.

- 1 -white
- 2 -brown
- 3 -green
- 4 -yellow
- 5 -grey
- 6 -pink
- 7 -blue
- 8 -red

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UNLESS OTHERWISE SPECIFIED TOLERANCE

ANG. ± 5°
 0. ± 0.5
 .0 ± 0.3
 .00 ± 0.2

SCALE: AS SHOWN UNIT: mm

DRAWN JAG 12/7/2017

CHECKED //

APPROVED //

SIZE A4 REV. A

AP APTOS TECHNOLOGY

DRAWING NAME:
 M12- 8PIN Free End Female
 180° Cable

PRODUCT NO. CBLWS8-F8A8ABA01-FG

FILE NAME: CBLWS8-F8A8ABA01-FG.dwg

REV.	DESCRIPTION	DATE
1		
2		
3		
4		
5		
6		