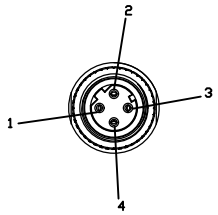
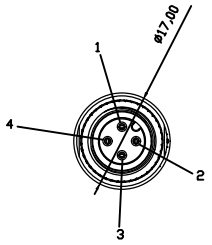
SPECIFICATION
MATERIAL
Insulator: thermal plastic, rated UL94V-0
Contacts: Copper Alloy
Contacts tpye: SOLDER type
metal parts : stell with Ni plating
Cable : PVC with UV/Oil resistanct, flame resistance UL-E138961
Contacts plating
Underplate: 50u"~100u" Nickel
Contact area: 1u" gold
Solder tails area: 100u" ~ 200u" Tin
General Data
standard/Regulation: M12 connector IEC 61076-2-101
coding: A-standard
Number of position: 5
AWG Singal line: 22~24
Current rating: 4 Amps max.
Insulation resistance: 100 Mohms min @ 500 VDC
Degree of protection: IP 67
Temperature range: -20°C TO +85°C
Mating cycles: 100 insertions

(D-CODE)

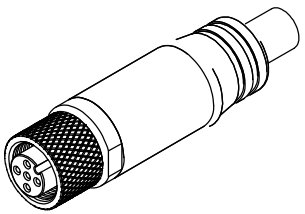


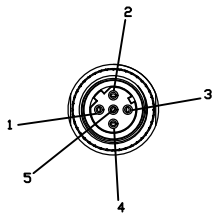
(4 PIN)

(A-CODE)

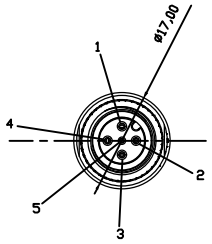


(4 PIN)

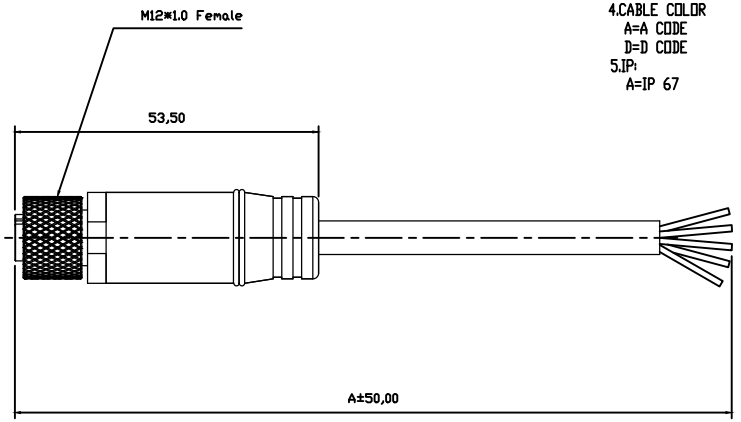




(5 PIN)



(5 PIN)



1 -brown
2 -white
3 -black
4 -blue
5 -green/yellow

Part no.

CBLWS F XX X A A A01 FG
1 2 3 4 5 6 7 8

1.SERIES NO.
CBLWS=WATER PROOF SERIES CABLE
2. Female
3. PIN COUNT
A4=04/00
A5=05/00
4.CABLE COLOR
A=A CODE
D=D CODE
5.IP:
A=IP 67
6. AWG CONDUCT COR
A=22 AWG
7.SPECIAL SPEC. DESCRIPION
A01= CALBE LENGTH INCLUDE CONNECTOR.
Exa.: 1M5=1.5M
8. GREEN OPTION
FG=RoHS.

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REV.	DESCRIPTION	DATE
		/ /
		/ /
		/ /

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

APTOS TECHNOLOGY

DRAWING NAME: M12-4,5PIN Free End Female 180° Cable
PRODUCT NO. CBLWS-FXXXAAA01-FG
FILE NAME: CBLWS-FXXXAAA01-FG