

NOTE:  
 1.CABLE ASSEMBLY MUST BE RoHS COMPLIANT.  
 2.CABLE MUST BE OPEN,SHORT,MISWIRE 100% TEST.  
 3.ELECTRIC TEST:  
 A.VOLTAGE: 300V DC.  
 B.CONTACT RESISTANCE: 5 ohm Max.  
 C.INSULATION RESISTANCE:2M ohm Min.

SERIES NO. \_\_\_\_\_  
 CW=Waterproof Connection  
 CONNECTOR OPTION  
 08=M12 F/USB3.0 AM  
 9C=M12 12PIN/USB 9PIN  
 CODE \_\_\_\_\_  
 A=A-Code/A Male

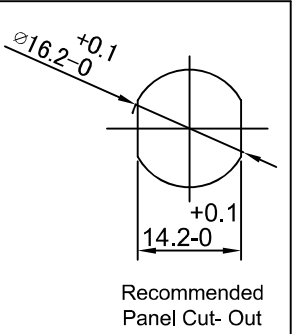
CW 08 9C A A C A02 E 20C

LENGTH.  
 20C=200mm  
 GREEN OPTION.  
 E=RoHS  
 TYPE.  
 AWG.  
 C=28AWG  
 IP.  
 A=67

WIRE ARRANGEMENT

P1	P2	COLOR	SIGNAL NAME
1	1	RED	VBUS
2	2	WHITE	D-
3	3	GREEN	D+
4	4	BLACK	GND
5	5	BLUE	Stdb_SSRX-
6	6	YELLOW	Stdb_SSRX+
7	7	DRAIN	GND_DRAIN
8	8	PURPLE	Stdb_SSTX-
9	9	ORANGE	Stdb_SSTX+
SHELL	SHELL	BRAID	Shield
	10		NC
	11		NC
	12		NC

ITEM	PART	DESCRIPTION
1	Connector	M12 A-Code Female Connector
2	Contact	M12 A-Code: BRASS(C3200-EH) 1u" Gold
3	Front body	M12 A-Code: PA66(GF15%) UL94V-0
4	∅6.4*1.8 mm O-ring seal	Silicon rubber UL94V-0
5	∅14*1.6 mm O-ring seal	Silicon rubber UL94V-0
6	Female coupling nut panel_rivet	Brass (C3604-EH) 50u" min. Nickel
7	NUT	Brass (C3604-EH) 50u" min. Nickel
8	Heat shrink tube	Black
9	Cable	USB 3.0 UL 20276 \[28AWG*1P+D+AL+MYLAR]*2C+28AWG*1P+24AWG*2C+ADB(AL85%) , OD=5.4mm , PVC Jacket : Black
10	Connector	USB 3.0 AM, Blue Insulator, Contact 15u"Gold Plated(Selective), Shell Plated Nickel, (W/Tin Plate)
11	PVC	PVC 45P BLACK.
12	PE	PE
13	FOIL	Copper Foil



For SIP

For CmK/Cpk

UNLESS OTHERWISE SPECIFIED TOLERANCE	
ANG.	± 5°
0.	± 0.50
.0	± 0.30
.00	± 0.20

SCALE: AS SHOWN UNIT: mm



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DRAWN PEARL 08/31/2018

CHECKED

APPROVED

DRAWN NAME:  
 M12 A-Code 12Pin Female Panel Mount To USB 3.0 Cable

PRODUCT NO. CW089CAACA02E20C

FILE NAME: CW089CAACA02E20C

REV.	DESCRIPTION	DATE	SIZE	REV.	FILE NAME:
1			A4	A	CW089CAACA02E20C