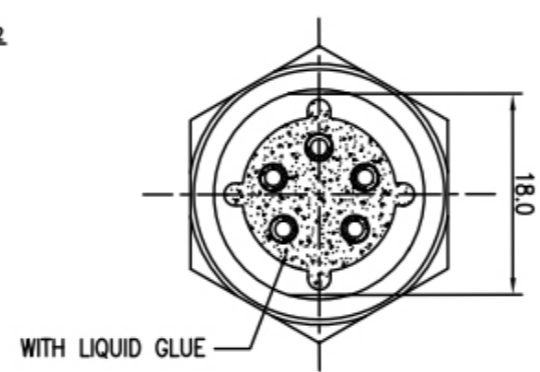
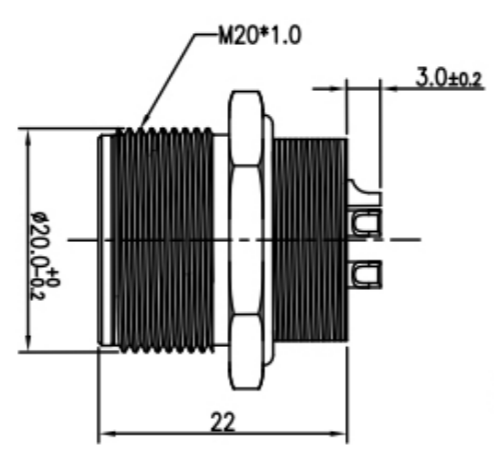
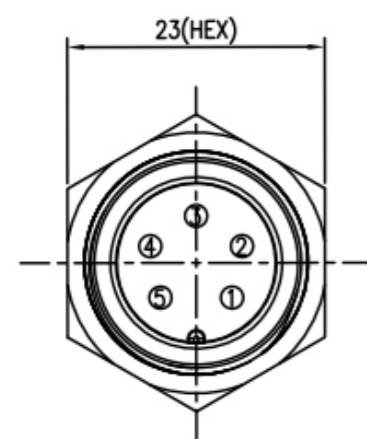
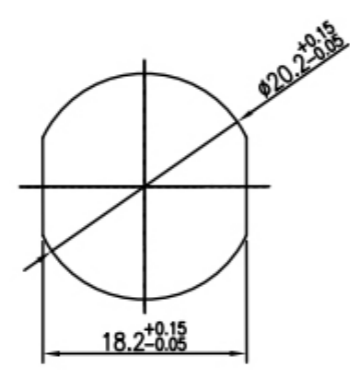


- Notes:
1. Waterproof Rate: IP67  
IP67 immersed in 1M water for 30 minutes
  2. Electrical Characteristics:  
Temperature Range +40°C to +105°C  
Rating: 10 Amps  
Test Condition: DC1000V 10Mohms 10ms
  3. Specifications: See "Circular Series Specifications"
  4. To Conform to RoHS Requirement
  5. Green Product Identification Label on Packaging



SCA20-XXPRA-XXXX

Cable Length  
0150: 150mm  
0300: 300mm  
A Coding  
Rear Fastened  
Plug  
No. of Positions



Pin out	
1.	Black No.1
2.	Black No.2
3.	Black No.3
4.	Black No.4
5.	Black No.5

No.	Description	Material	Plating & Colour	Quantity
A	Body	Nylon+GF	Black	1
B	Male Pin	Brass	Gold Plating Over Nickel Plating	*
C	Shield	Brass	Nickel Plated 100u"	1
D	O-Ring	EPDM	Black	1
E	Liquid Glue	N/A	Black	1
F	Terminal	KST EN1506	N/A	*
G	Lapp Cable (1119805)	Classic 110 5*0.75mm <sup>2</sup>	Wire Colour: Black	1
H	Heat Shrink Tube	L:15mm	Black	5

REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
1.0	Origin	-	22 08 2023	Owen Page

DO NOT SCALE  
Unit of Measure: millimetres (mm)

Third Angle Projection

Designed by  
Owen Page

RoHS  
Compliant

Cambridge  
Electronic  
Industries Ltd

This document and all the data contained herein is and shall remain the property of Cambridge Electronic Industries Ltd and may not be used or copied for any purpose whatsoever without the written permission of Cambridge Electronic Industries Ltd.

Description:  
M20 A Code 5 pin Plug Wire Harness  
Part No:  
SCA20-05PRA-XXXX

©2023

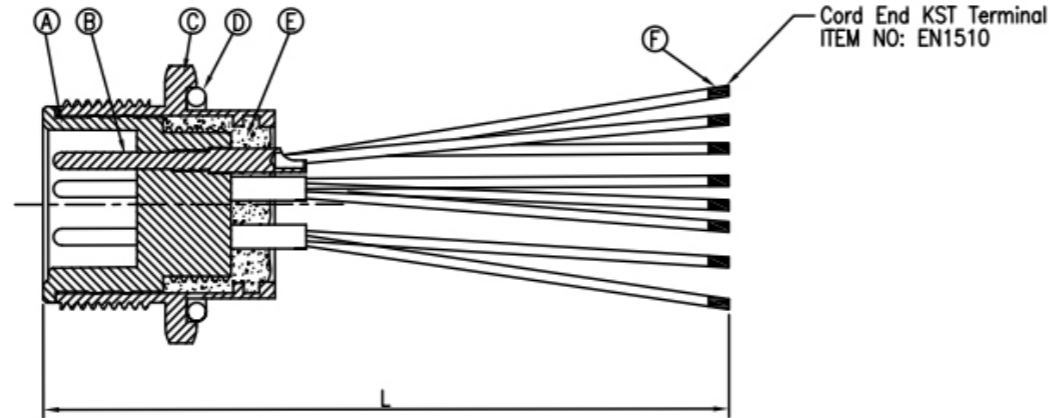
Date  
22 08 2023

Issue  
1.0

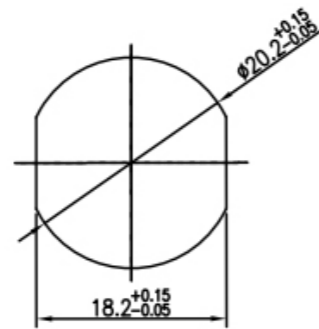
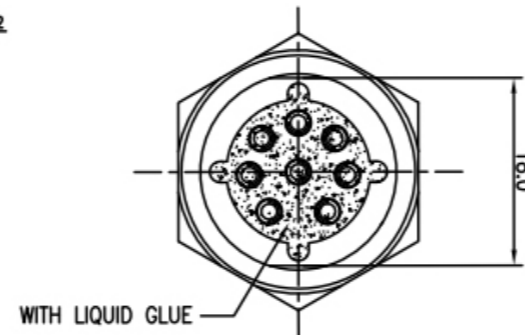
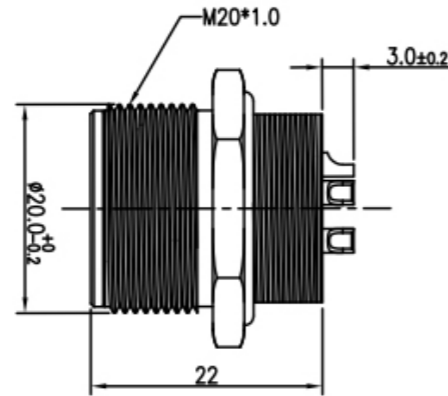
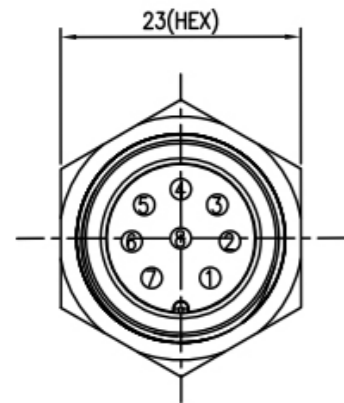
Sheet  
1 / 2

Design Right  
Protected

A4



- Notes:
1. Waterproof Rate: IP67  
IP67 immersed in 1M water for 30 minutes
  2. Electrical Characteristics:  
Temperature Range +40°C to +105°C  
Rating: 10 Amps  
Test Condition: DC1000V 10Mohms 10ms
  3. Specifications: See "Circular Series Specifications"
  4. To Conform to RoHS Requirement
  5. Green Product Identification Label on Packaging



RECOMMENDED PANEL CUT-OUT

SCA20-XXPRA-XXXX

Cable Length  
0150: 150mm  
0300: 300mm  
A Coding  
Rear Fastened  
Plug  
No. of Positions

Pin out	
1.	Blue
2.	Black
3.	White
4.	Brown
5.	Green
6.	Red
7.	Grey
8.	Purple

No.	Description	Material	Plating & Colour	Quantity
A	Body	Nylon+GF	Black	1
B	Male Pin	Brass	Gold Plating Over Nickel Plating	*
C	Shield	Brass	Nickel Plated 100u"	1
D	O-Ring	EPDM	Black	1
E	Liquid Glue	N/A	Black	1
F	Terminal	N/A	Black	*

DO NOT SCALE  
Unit of Measure: millimetres (mm)

Third Angle Projection

Designed by  
Owen Page

X.X - ±0.50  
X.XX - ±0.30

**Design Right  
Protected**

©2023

Date  
22 08 2023

DESIGNER  
Owen Page

**RoHS  
Compliant**

**Cambridge  
Electronic  
Industries Ltd**

This document and all the data  
contained herein is and shall remain  
the property of Cambridge Electronic  
Industries Ltd and may not be used  
or copied for any purpose  
whatsoever without the written  
permission of Cambridge Electronic  
Industries Ltd.

Description:

M20 A Code 8 pin Plug Wire Harness

Part No:  
SCA20-08PRA-XXXX

Issue  
1.0

Sheet  
2 / 2

#### REVISION HISTORY

REV	DESCRIPTION	CHG REF	DATE	DESIGNER
1.0	Origin	-	22 08 2023	Owen Page