

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
0	INITIAL RELEASE	11-15-2023	SCC

### Part numbering scheme

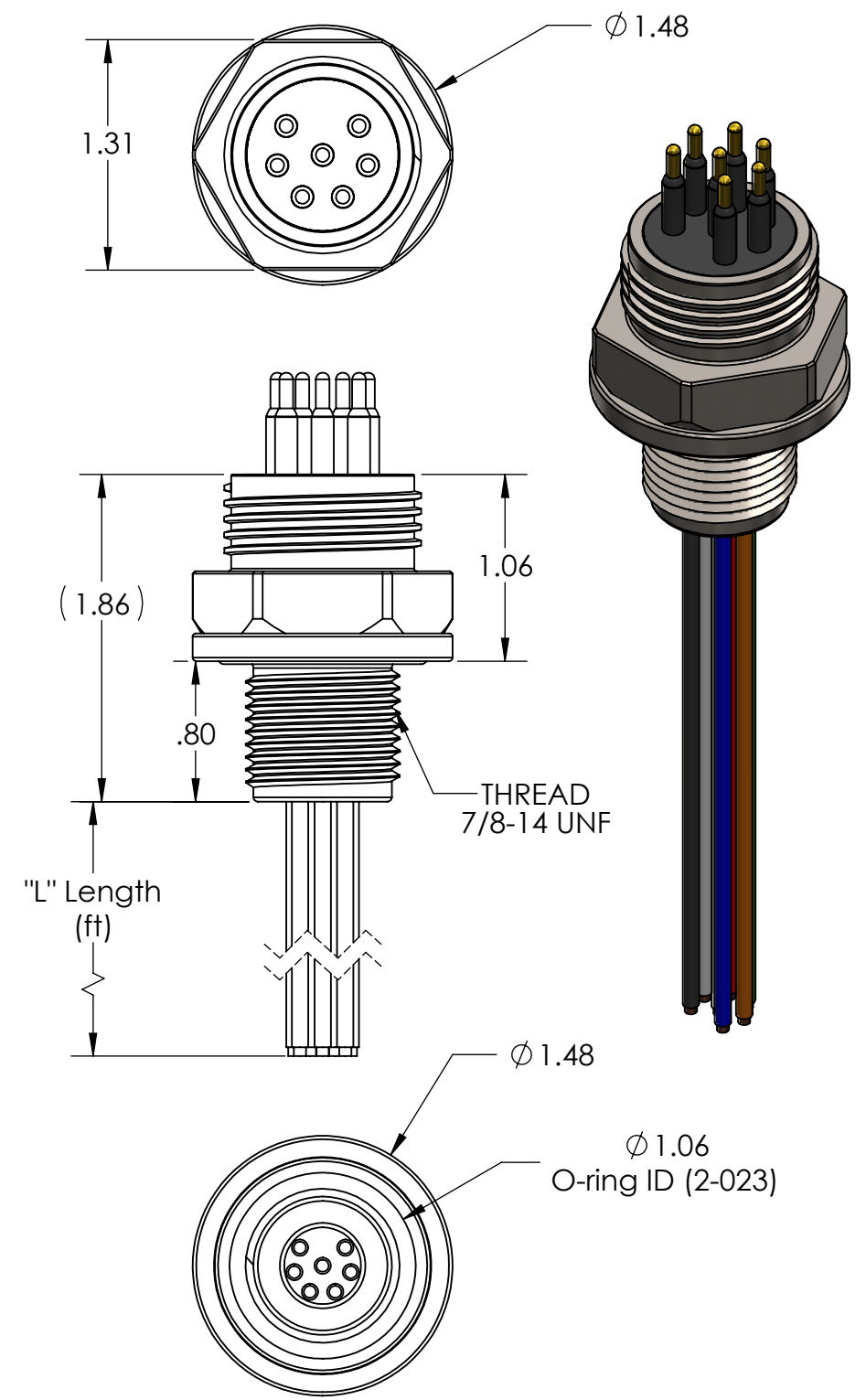
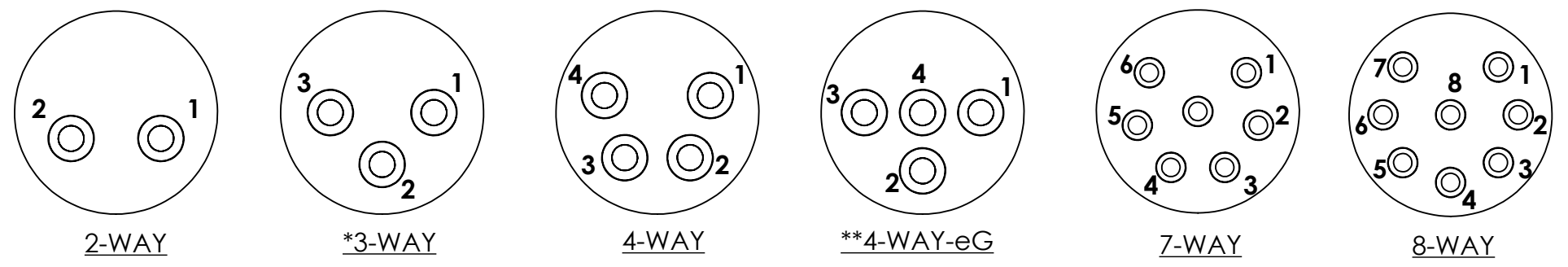
**BCR1 s - 2x22mm - MP - 5**

- BCR1 - Bulkhead Connector Receptacle, Face Seal
- s - Bulkhead Mtrl (a=aluminum 6061, b=brass, p=peek, s=316 SST, t=titanium)
- 2 - Number of Contacts (2, 3, 4, 4eG, 7, 8)
- 22 - Connector Size
- MP - Male Pin
- 5 - Cable Length "L" in ft

Contact to Wire Assignment  
(Based on ICEA Method 1 Color Code)

Contact #	Wire Color
1	Black
2	White
3	Red
4	Green
5	Orange
6	Blue
7	White w/Black Stripe
8	Red w/Black Stripe

\* 3-WAY: 1-Black, 2-White, 3-Green



Specifications	
Voltage Rating	600V
Pressure Rating	10,000 psi
Shell Material	(see p/n table)
Contact Material	Gold Plated Cu Alloy
Dielectric Material	Neoprene
Wires	Teflon

**REVISION SYMBOL**

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FRACTIONS	DECIMALS	ANGLES
$\pm 1/16$	.XX $\pm 0.015$	$\pm 1/2^\circ$
	.XXX $\pm 0.005$	
	.XXX $\pm 0.010$	

BREAK ALL SHARP EDGES & CORNERS R.015. ALL DIA. TO BE CONCENTRIC WITHIN .004 TIR.

FINISH 125

DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION  
GD&T IAW ASME Y14.5

ORIGINAL JOB NO.

NAME	DATE
ENGR SCC	6/21/23
CHKD	
APPRV	

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## BCR, 22 mm, Face Seal, Pins

SIZE	FSCM NO.	DWG. NO.	REV
<b>B</b>		<b>BCR1-22mm-MP</b>	<b>0</b>
SCALE:	APPROXIMATE WEIGHT: LBS		SHEET 1 OF 1