

## Hydro Bond Engineering Ltd

### Underwater Mateable Electrical Connectors: Rubber Keyed



## Rubber Keyed HRS (Hydro Bond Rubber Sealing)

Hydro Bond Engineering Ltd offer rubber keyed underwater mateable electrical connectors from its extensive, high integrity range of subsea connectors.

Our in-house engineered and developed electrical technology is at the forefront of harsh environment requirements. Our products have been extensively tested both internally and externally and are field proven on major local, national and international projects.

Our Electrical Engineers and Technicians are fully trained and certified on our equipment by City & Guilds.



## Features

- Underwater mateable
- Proven shock-tested design
- Wet mate depth rating to 300 MSW
- Mated depth rating- 2440 MSW
- Open-face depth rating- 2000 MSW
- Metal shell construction
- Available in five shell sizes
- Bulkhead mount and panel mount designs available as standard
- Mounting O-Ring face seals and optional barrel seals available as standard
- Pin densities from 1 to 70 ways
- Voltage ratings up to 3,300 Volts RMS
- Current ratings up to 750 Amps
- Standard and reverse gender configurations available
- Available in 316 stainless steel as standard or titanium, Aluminium Silicon Bronze, Nickel Aluminium Bronze etc. on request
- Non-magnetic versions available
- 0.75 metre conductor tails on all bulkhead connectors as standard with other lengths on request • Optional earth bonding
- Optional cathodic delamination versions available
- Termination options include fully water-blocked, mechanical strain terminations and oil-filled options
- Moulding options include Polyurethane and Polyethylene
- Acetal dust caps included on all connectors (additional lanyards on request)



## Rubber Keyed

### HRS (Hydro Bond Rubber Sealing)

#### Benefits

- Cost effective diver mateable solution
- Easy to use
- Fast lead times
- Wide variety of pin configurations allows cost-effective system design
- Standard and reverse gender configurations allow for safe system design
- Wide variety of metal options allows for best corrosion resistant design



- Extensive track record

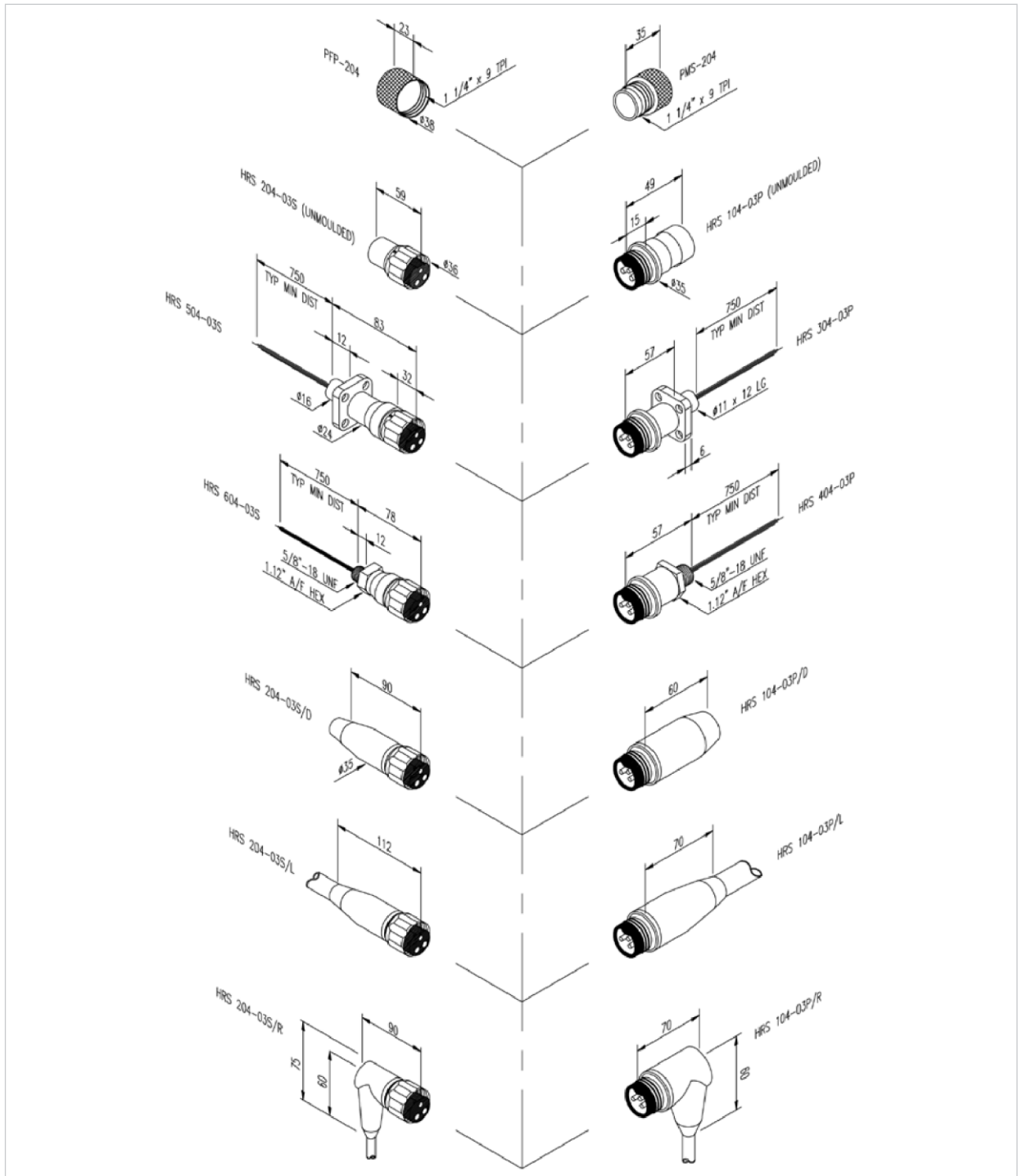
#### Specifications

The following pages feature a range of HRS (Hydro Bond Rubber Sealing) Underwater Mateable Electrical Connectors that have been designed, manufactured and field tested. The following charts feature a range of pin (face view) configurations, together with electrical, environmental and standard material specifications.

# Underwater Mateable Electrical Connectors

## Rubber Keyed HRS (Hydro Bond Rubber Sealing) :

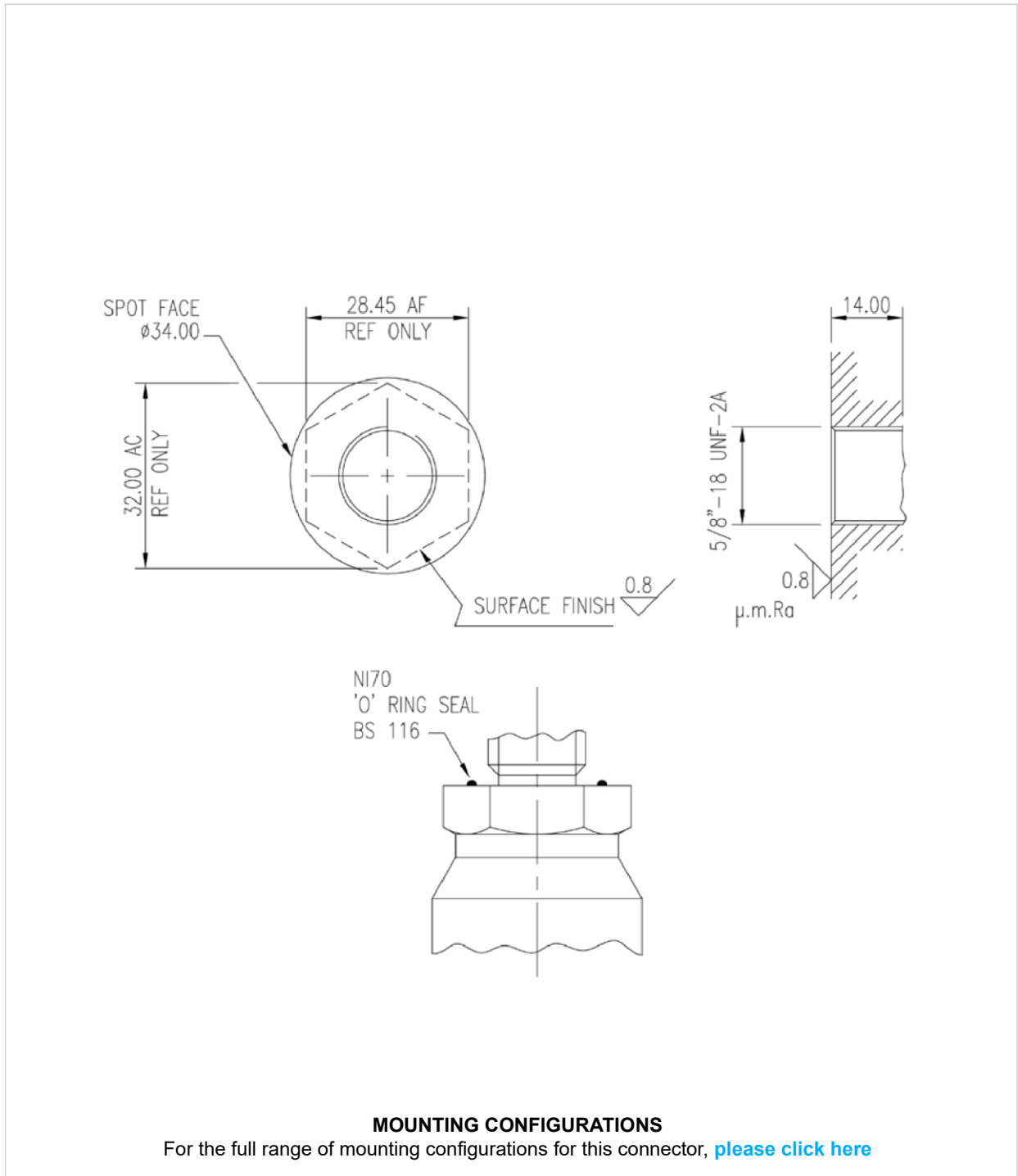
### Shell Size 4 / Connector Details



# Underwater Mateable Electrical Connectors

## Rubber Keyed HRS (Hydro Bond Rubber Sealing) :

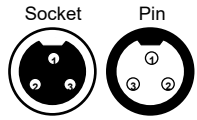
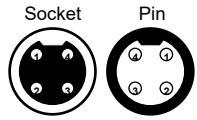
### Shell Size 4 / Mounting Details



# Underwater Mateable Electrical Connectors

## Rubber Keyed HRS (Hydro Bond Rubber Sealing) :

### Shell Size 4 / Specifications

Electrical and Environmental	Standard Material Specification	Face Views
Pin Current Rating: 1 way 10 A, 2 way 25 A Pin Voltage Rating: 2,000 V rms Contact to Contact IR: >1,000 MOhms @ 1,000 V dc Contact to Body IR: >1,000 MOhms @ 1,000 V dc Mated Depth Rating: 2,440 MSW Temperature Rating: -20 ° C to +60 ° C Conductor Tail Size: 18 AWG / 14 AWG Solder Bucket Size: 1 X 2.5 mm dia, 2 X 3.0 mm dia	Body: Fix 316 Stainless Steel Ring: Aluminium Silicon Bronze Back Shell: N/A Contact Pins: CZ121/Au Contact Sockets: CZ121/Au Insert Material: Neoprene Conductor Tails: Spec 44 X 0.75 m O – Rings: NI70	 <p>Socket Pin</p> <p>Ref: HRS 04-03</p>
Pin Current Rating: 8 AMPS Pin Voltage Rating: 2,000 V rms Contact to Contact IR: >1,000 MOhms @ 1,000 V dc Contact to Body IR: >1,000 MOhms @ 1,000 V dc Mated Depth Rating: 2,440 MSW Temperature Rating: -20 ° C to +60 ° C Conductor Tail Size: 18 AWG Solder Bucket Size: 2.5 mm dia	Body: Fix 316 Stainless Steel Ring: Aluminium Silicon Bronze Back Shell: N/A Contact Pins: CZ121/Au Contact Sockets: CZ121/Au Insert Material: Neoprene Conductor Tails: Spec 44 X 0.75 m O – Rings: NI70	 <p>Socket Pin</p> <p>Ref: HRS 04-04</p>

### Custom Product Design

Not found what you are looking for ?

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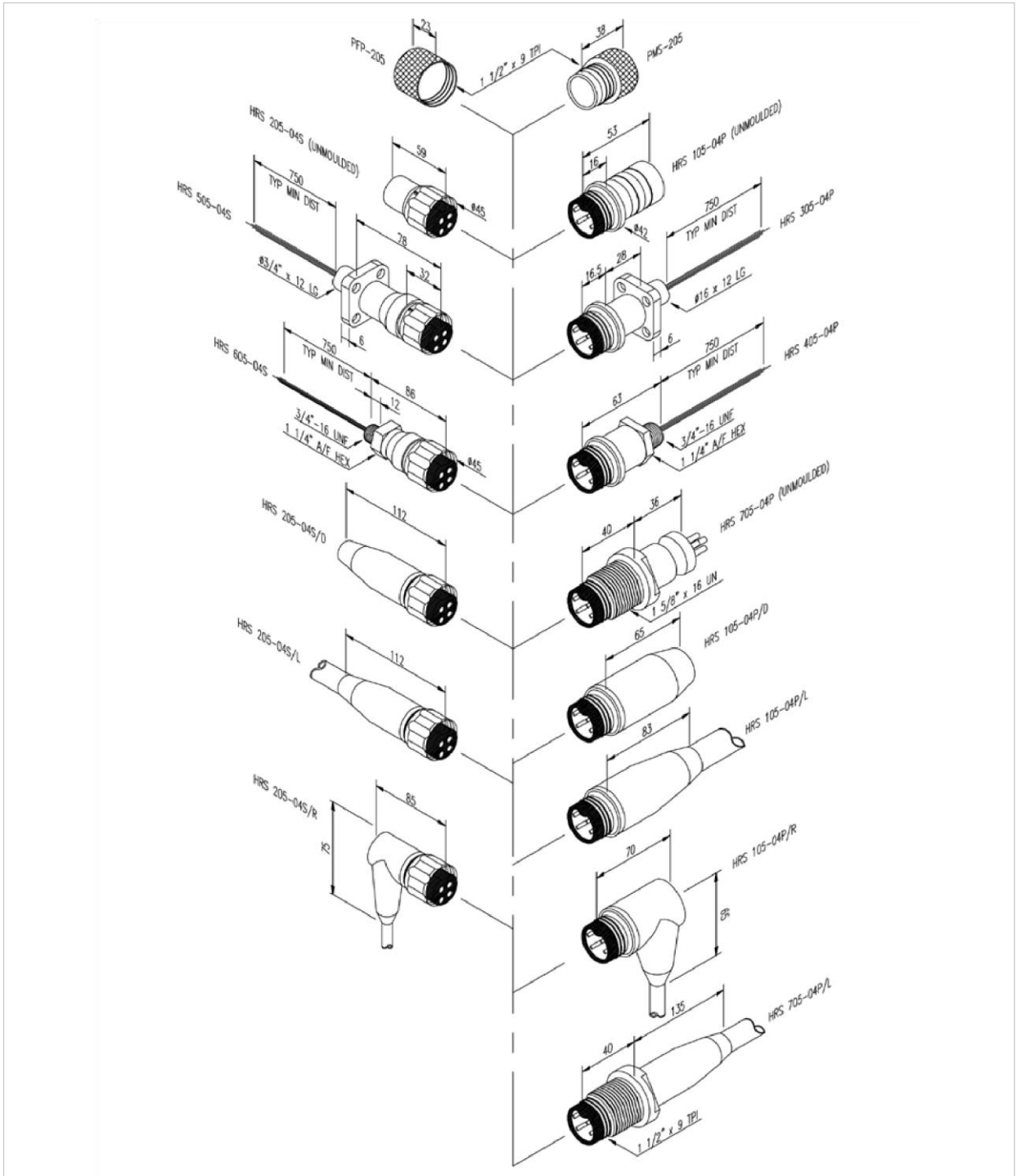


Please view the following pages for the next Shell Size.

### Shell Size 5 / Connector Details

# Underwater Mateable Electrical Connectors

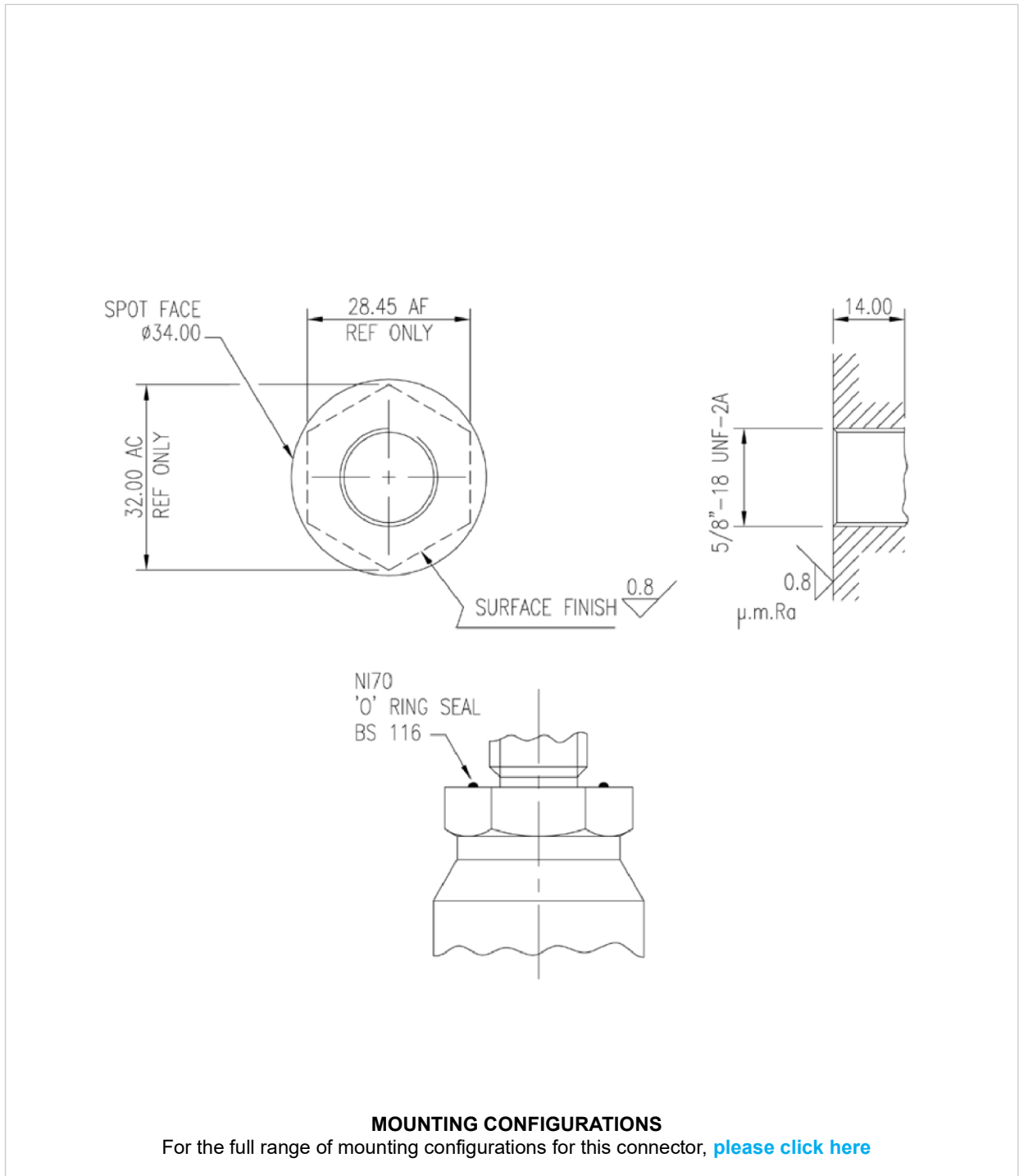
## Rubber Keyed HRS (Hydro Bond Rubber Sealing) :



Shell Size 5 / Mounting Details

# Underwater Mateable Electrical Connectors

## Rubber Keyed HRS (Hydro Bond Rubber Sealing) :

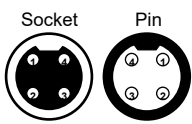
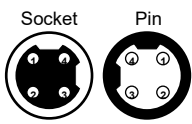
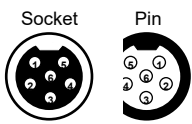
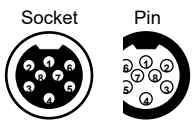
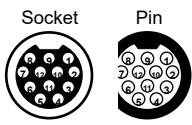




# Underwater Mateable Electrical Connectors

## Rubber Keyed HRS (Hydro Bond Rubber Sealing) :

### Shell Size 5 / Specifications

Electrical and Environmental	Standard Material Specification	Face Views
Pin Current Rating: 16 AMPS Pin Voltage Rating: 2,000 V rms Contact to Contact IR: >1,000 MOhms @ 1,000 V dc Contact to Body IR: >1,000 MOhms @ 1,000 V dc Mated Depth Rating: 2,440 MSW Temperature Rating: -20 ° C to +60 ° C Conductor Tail Size: 16 AWG Solder Bucket Size: 3.0 mm dia	Body: Fix Ring: 316 Stainless Steel Back Shell: Aluminium Silicon Bronze Contact Pins: N/A Contact Sockets: CZ121/Au Insert Material: CZ121/Au Conductor Tails: Neoprene O – Rings: Spec 44 X 0.75 m NI70	 <p>Ref: HRS 05-04</p>
Pin Current Rating: 16 AMPS Pin Voltage Rating: 2,000 V rms Contact to Contact IR: >1,000 MOhms @ 1,000 V dc Contact to Body IR: >1,000 MOhms @ 1,000 V dc Mated Depth Rating: 2,440 MSW Temperature Rating: -20 ° C to +60 ° C Conductor Tail Size: 16 AWG Solder Bucket Size: 3.0 mm dia	Body: Fix Ring: 316 Stainless Steel Back Shell: Aluminium Silicon Bronze Contact Pins: N/A Contact Sockets: CZ121/Au Insert Material: CZ121/Au Conductor Tails: Neoprene O – Rings: Spec 44 X 0.75 m NI70	 <p>Ref: HRS 05-04 DK</p>
Pin Current Rating: 8 AMPS Pin Voltage Rating: 2,000 V rms Contact to Contact IR: >1,000 MOhms @ 1,000 V dc Contact to Body IR: >1,000 MOhms @ 1,000 V dc Mated Depth Rating: 2,440 MSW Temperature Rating: -20 ° C to +60 ° C Conductor Tail Size: 18 AWG Solder Bucket Size: 2.5 mm dia	Body: Fix Ring: 316 Stainless Steel Back Shell: Aluminium Silicon Bronze Contact Pins: N/A Contact Sockets: CZ121/Au Insert Material: CZ121/Au Conductor Tails: Neoprene O – Rings: Spec 44 X 0.75 m NI70	 <p>Ref: HRS J5-06</p>
Pin Current Rating: 6 AMPS Pin Voltage Rating: 2,000 V rms Contact to Contact IR: >1,000 MOhms @ 1,000 V dc Contact to Body IR: >1,000 MOhms @ 1,000 V dc Mated Depth Rating: 2,440 MSW Temperature Rating: -20 ° C to +60 ° C Conductor Tail Size: 18 AWG Solder Bucket Size: 2.5 mm dia	Body: Fix Ring: 316 Stainless Steel Back Shell: Aluminium Silicon Bronze Contact Pins: N/A Contact Sockets: CZ121/Au Insert Material: CZ121/Au Conductor Tails: Neoprene O – Rings: Spec 44 X 0.75 m NI70	 <p>Ref: HRS J5-08</p>
Pin Current Rating: 5 AMPS Pin Voltage Rating: 2,000 V rms Contact to Contact IR: >1,000 MOhms @ 1,000 V dc Contact to Body IR: >1,000 MOhms @ 1,000 V dc Mated Depth Rating: 2,440 MSW Temperature Rating: -20 ° C to +60 ° C Conductor Tail Size: 18 AWG Solder Bucket Size: 2.5 mm dia	Body: Fix Ring: 316 Stainless Steel Back Shell: Aluminium Silicon Bronze Contact Pins: N/A Contact Sockets: CZ121/Au Insert Material: CZ121/Au Conductor Tails: Neoprene O – Rings: Spec 44 X 0.75 m NI70	 <p>Ref: HRS 05-12</p>

### Custom Product Design

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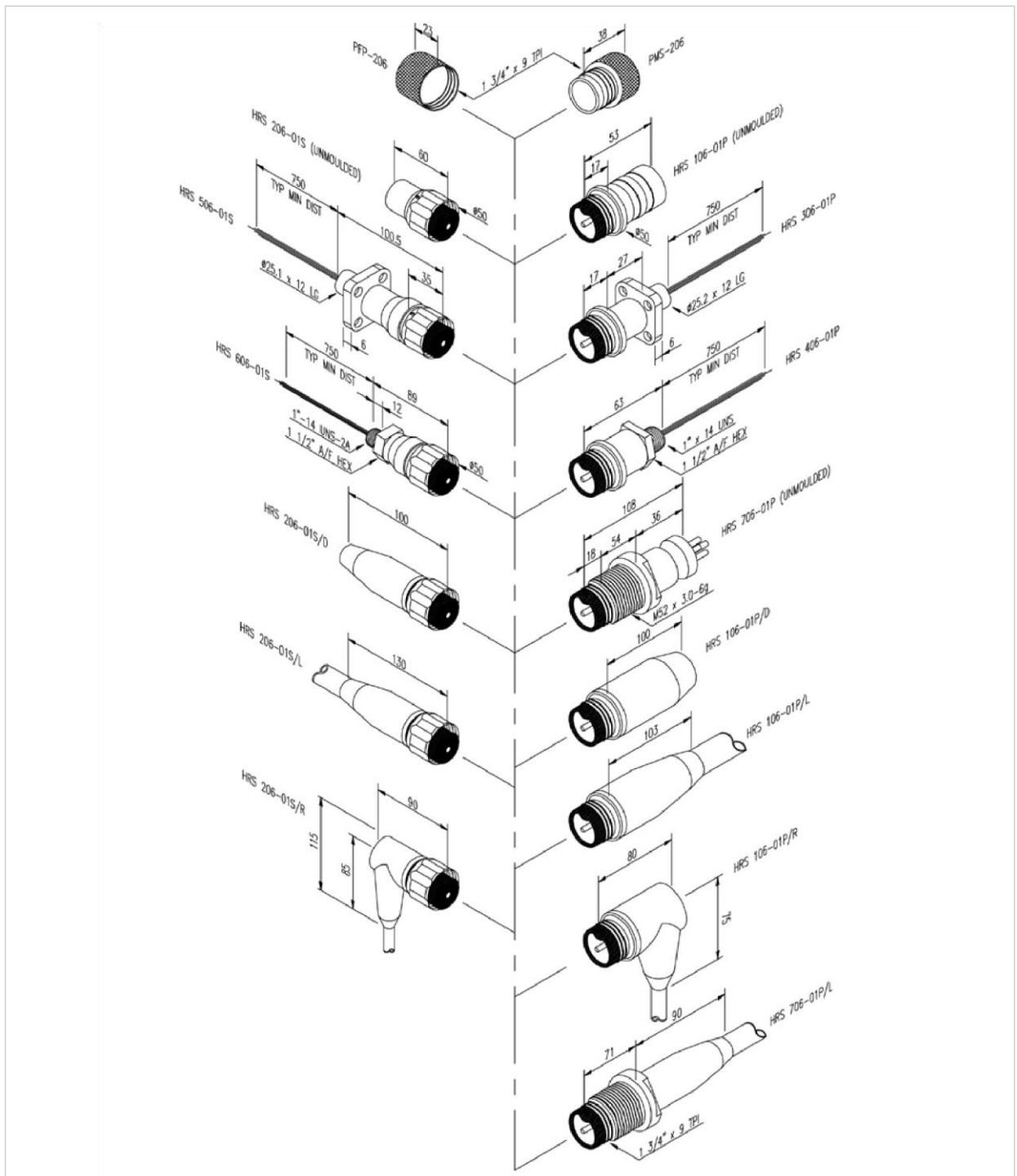


Please view the following pages for the next Shell Size.

### Shell Size 6 / Connector Details

# Underwater Mateable Electrical Connectors

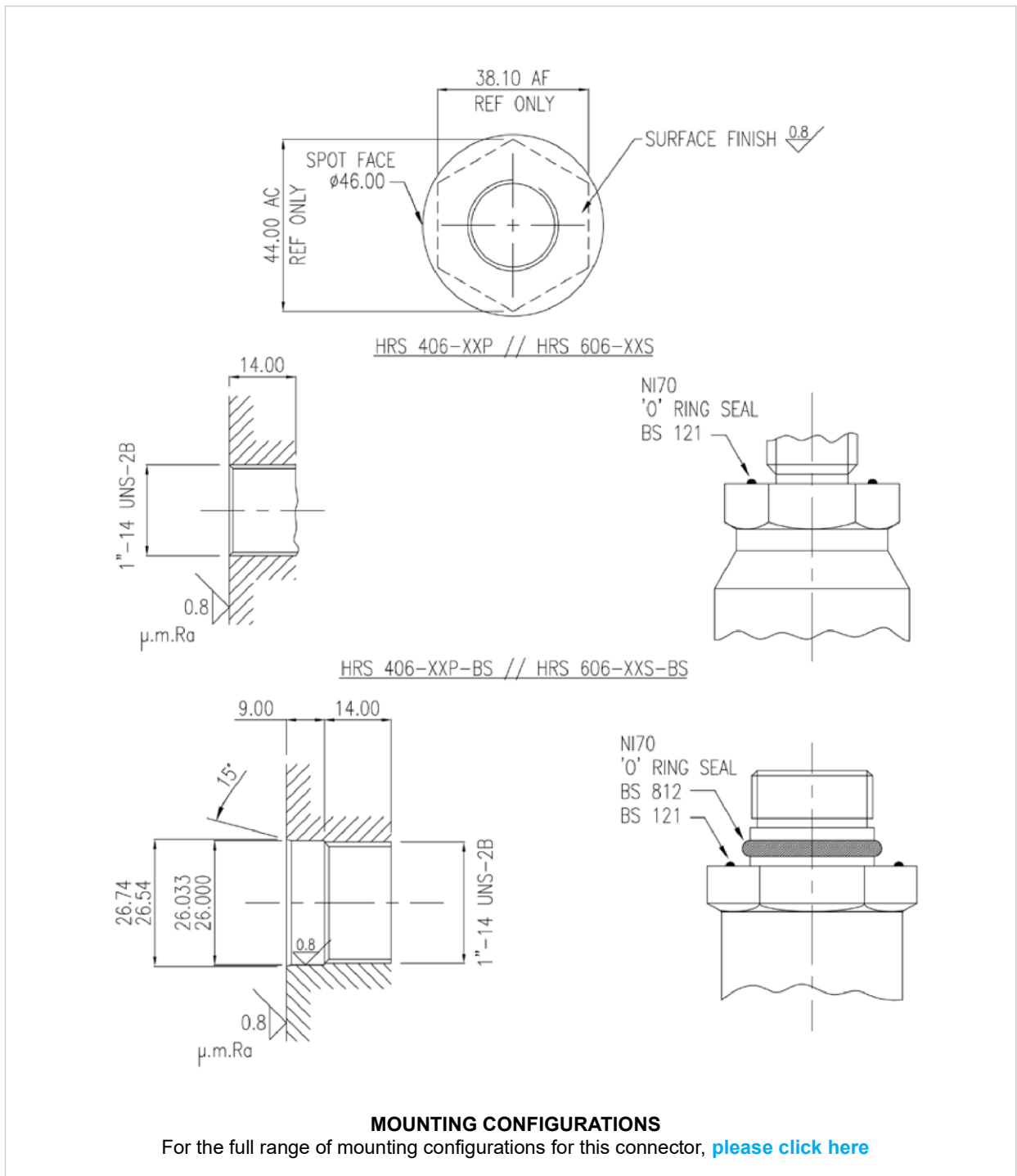
## Rubber Keyed HRS (Hydro Bond Rubber Sealing) :



Shell Size 6 / Mounting Details

# Underwater Mateable Electrical Connectors

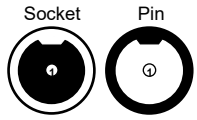
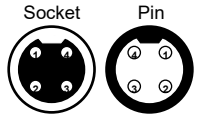
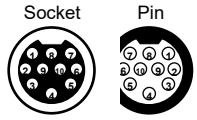
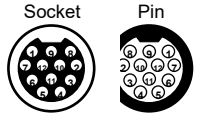
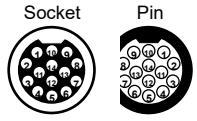
## Rubber Keyed HRS (Hydro Bond Rubber Sealing) :



# Underwater Mateable Electrical Connectors

## Rubber Keyed HRS (Hydro Bond Rubber Sealing) :


### Shell Size 6 / Specifications

Electrical and Environmental	Standard Material Specification	Face Views
Pin Current Rating: <b>33 AMPS (&gt;33 Amps possible)</b> Pin Voltage Rating: <b>6,000 V rms</b> Contact to Contact IR: <b>&gt;1,000 MOhms @ 1,000 V dc</b> Contact to Body IR: <b>&gt;1,000 MOhms @ 1,000 V dc</b> Mated Depth Rating: <b>2,440 MSW</b> Temperature Rating: <b>-20 ° C to +60 ° C</b> Conductor Tail Size: <b>6.0 sq. mm</b> Solder Bucket Size: <b>5.5 mm dia</b>	Body: Fix Ring: <b>316 Stainless Steel</b> Back Shell: <b>Aluminium Silicon Bronze N/A</b> Contact Pins: <b>CZ121/Au</b> Contact Sockets: <b>CZ121/Au</b> Insert Material: <b>Neoprene</b> Conductor Tails: <b>Polyrad X 0.75 m NI70</b> O – Rings:	 <b>Ref: HRS 06-01</b>
Pin Current Rating: <b>16 AMPS</b> Pin Voltage Rating: <b>2,000 V rms</b> Contact to Contact IR: <b>&gt;1,000 MOhms @ 1,000 V dc</b> Contact to Body IR: <b>&gt;1,000 MOhms @ 1,000 V dc</b> Mated Depth Rating: <b>2,440 MSW</b> Temperature Rating: <b>-20 ° C to +60 ° C</b> Conductor Tail Size: <b>2.5 sq. mm</b> Solder Bucket Size: <b>3.0 mm dia</b>	Body: Fix Ring: <b>316 Stainless Steel</b> Back Shell: <b>Aluminium Silicon Bronze N/A</b> Contact Pins: <b>CZ121/Au</b> Contact Sockets: <b>CZ121/Au</b> Insert Material: <b>Neoprene</b> Conductor Tails: <b>Radox 125, 0.75 m NI70</b> O – Rings:	 <b>Ref: HRS 06-04</b>
Pin Current Rating: <b>5 AMPS</b> Pin Voltage Rating: <b>2,000 V rms</b> Contact to Contact IR: <b>&gt;1,000 MOhms @ 1,000 V dc</b> Contact to Body IR: <b>&gt;1,000 MOhms @ 1,000 V dc</b> Mated Depth Rating: <b>2,440 MSW</b> Temperature Rating: <b>-20 ° C to +60 ° C</b> Conductor Tail Size: <b>18 AWG</b> Solder Bucket Size: <b>2.5 mm dia</b>	Body: Fix Ring: <b>316 Stainless Steel</b> Back Shell: <b>Aluminium Silicon Bronze N/A</b> Contact Pins: <b>CZ121/Au</b> Contact Sockets: <b>CZ121/Au</b> Insert Material: <b>Neoprene</b> Conductor Tails: <b>Spec 44 X 0.75 m NI70</b> O – Rings:	 <b>Ref: HRS 06-10</b>
Pin Current Rating: <b>5 AMPS</b> Pin Voltage Rating: <b>2,000 V rms</b> Contact to Contact IR: <b>&gt;1,000 MOhms @ 1,000 V dc</b> Contact to Body IR: <b>&gt;1,000 MOhms @ 1,000 V dc</b> Mated Depth Rating: <b>2,440 MSW</b> Temperature Rating: <b>-20 ° C to +60 ° C</b> Conductor Tail Size: <b>18 AWG</b> Solder Bucket Size: <b>2.5 mm dia</b>	Body: Fix Ring: <b>316 Stainless Steel</b> Back Shell: <b>Aluminium Silicon Bronze N/A</b> Contact Pins: <b>CZ121/Au</b> Contact Sockets: <b>CZ121/Au</b> Insert Material: <b>Neoprene</b> Conductor Tails: <b>Spec 44 X 0.75 m NI70</b> O – Rings:	 <b>Ref: HRS 06-12</b>
Pin Current Rating: <b>5 AMPS</b> Pin Voltage Rating: <b>2,000 V rms</b> Contact to Contact IR: <b>&gt;1,000 MOhms @ 1,000 V dc</b> Contact to Body IR: <b>&gt;1,000 MOhms @ 1,000 V dc</b> Mated Depth Rating: <b>2,440 MSW</b> Temperature Rating: <b>-20 ° C to +60 ° C</b> Conductor Tail Size: <b>18 AWG</b> Solder Bucket Size: <b>2.5 mm dia</b>	Body: Fix Ring: <b>316 Stainless Steel</b> Back Shell: <b>Aluminium Silicon Bronze N/A</b> Contact Pins: <b>CZ121/Au</b> Contact Sockets: <b>CZ121/Au</b> Insert Material: <b>Neoprene</b> Conductor Tails: <b>Spec 44 X 0.75 m NI70</b> O – Rings:	 <b>Ref: HRS 06-14</b>

### Custom Product Design

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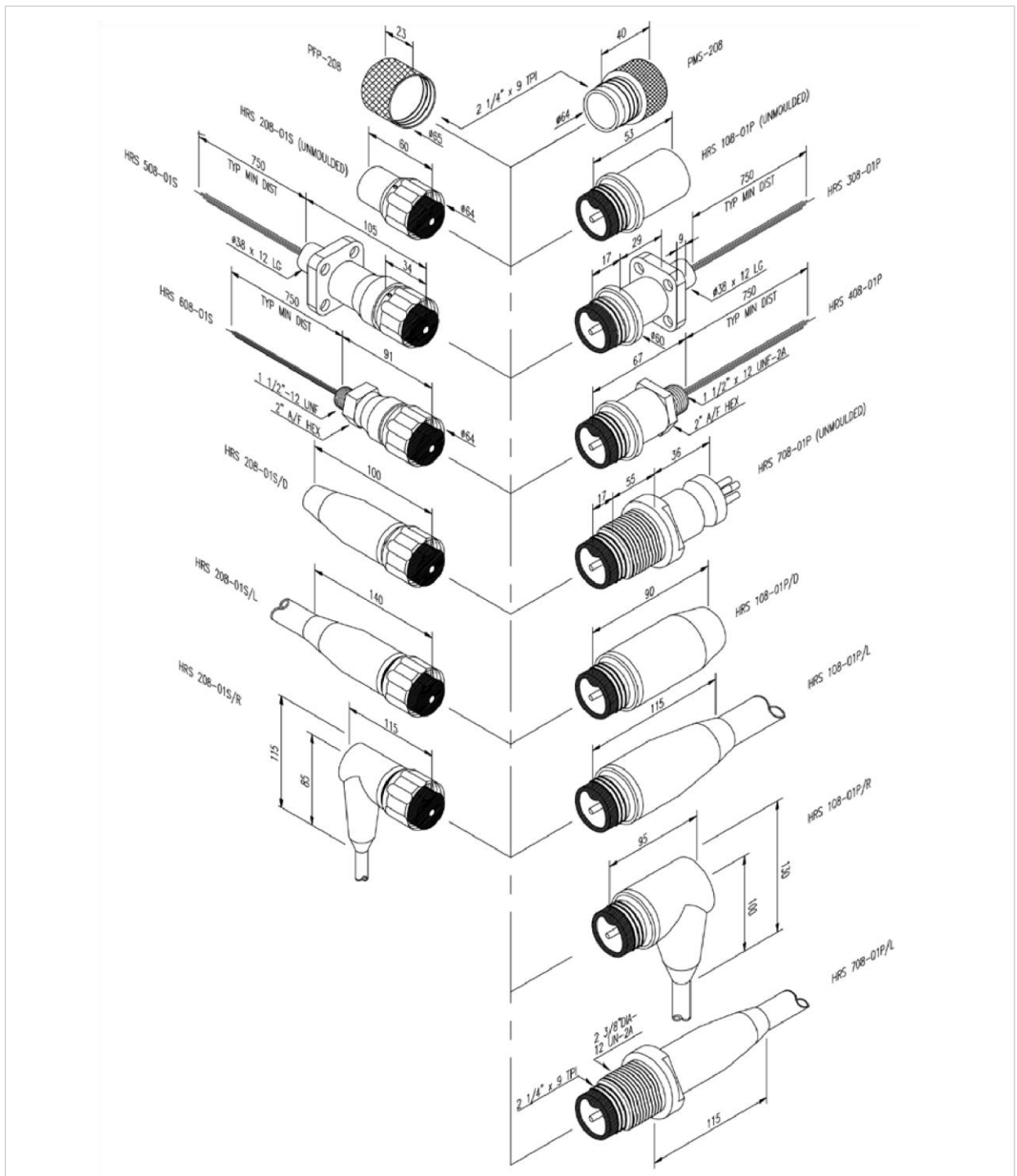


**Please view the following pages for the next Shell Size.**

### Shell Size 8 / Connector Details

# Underwater Mateable Electrical Connectors

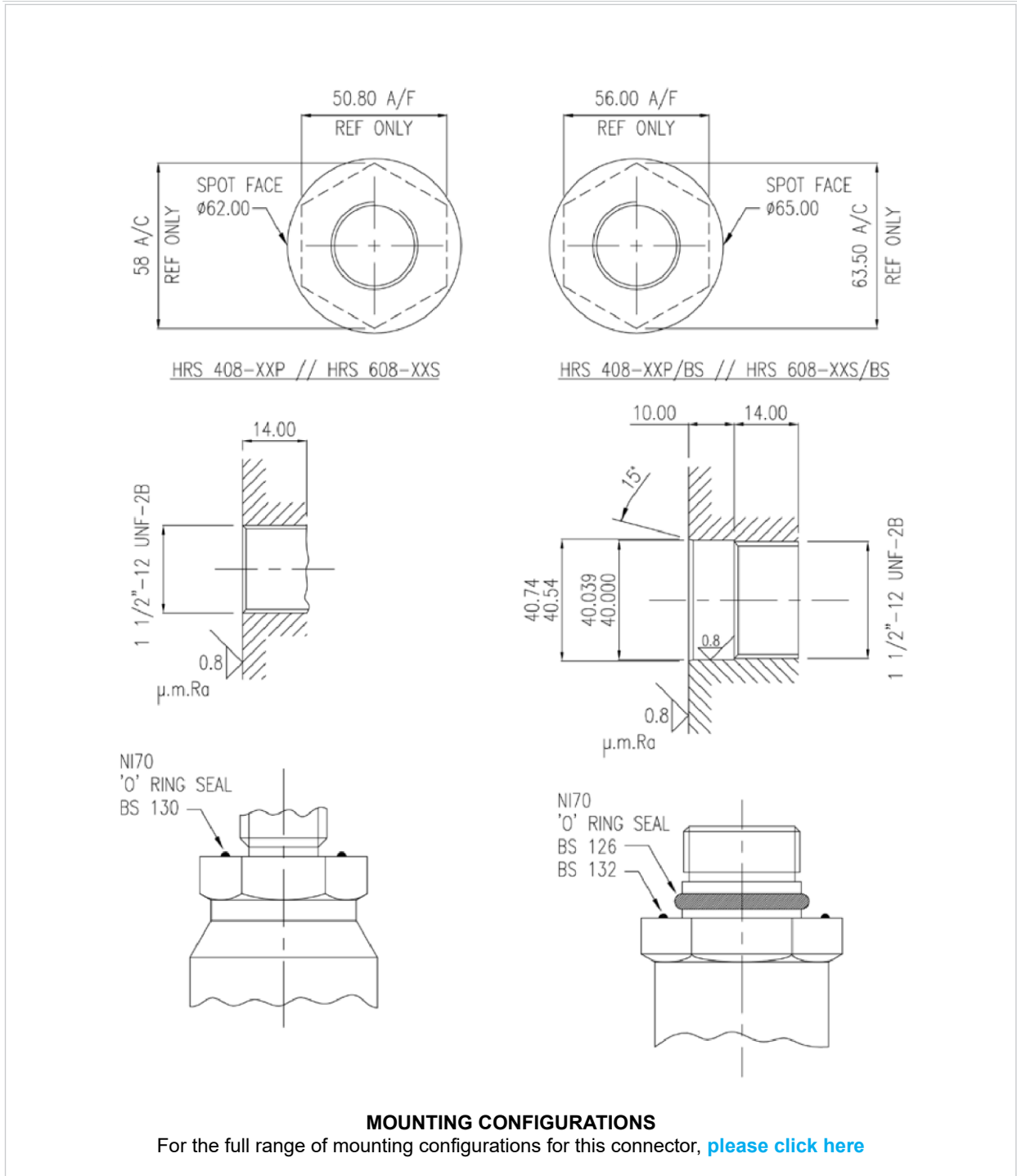
## Rubber Keyed HRS (Hydro Bond Rubber Sealing) :



**Shell Size 8 / Mounting Details**

# Underwater Mateable Electrical Connectors

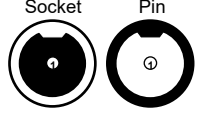
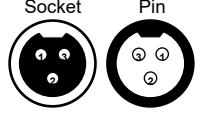
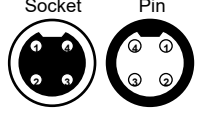
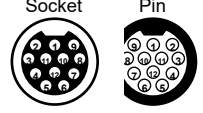
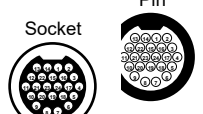
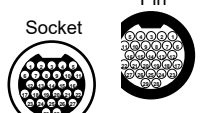
## Rubber Keyed HRS (Hydro Bond Rubber Sealing) :



## Shell Size 8 / Specifications

# Underwater Mateable Electrical Connectors

## Rubber Keyed HRS (Hydro Bond Rubber Sealing) :

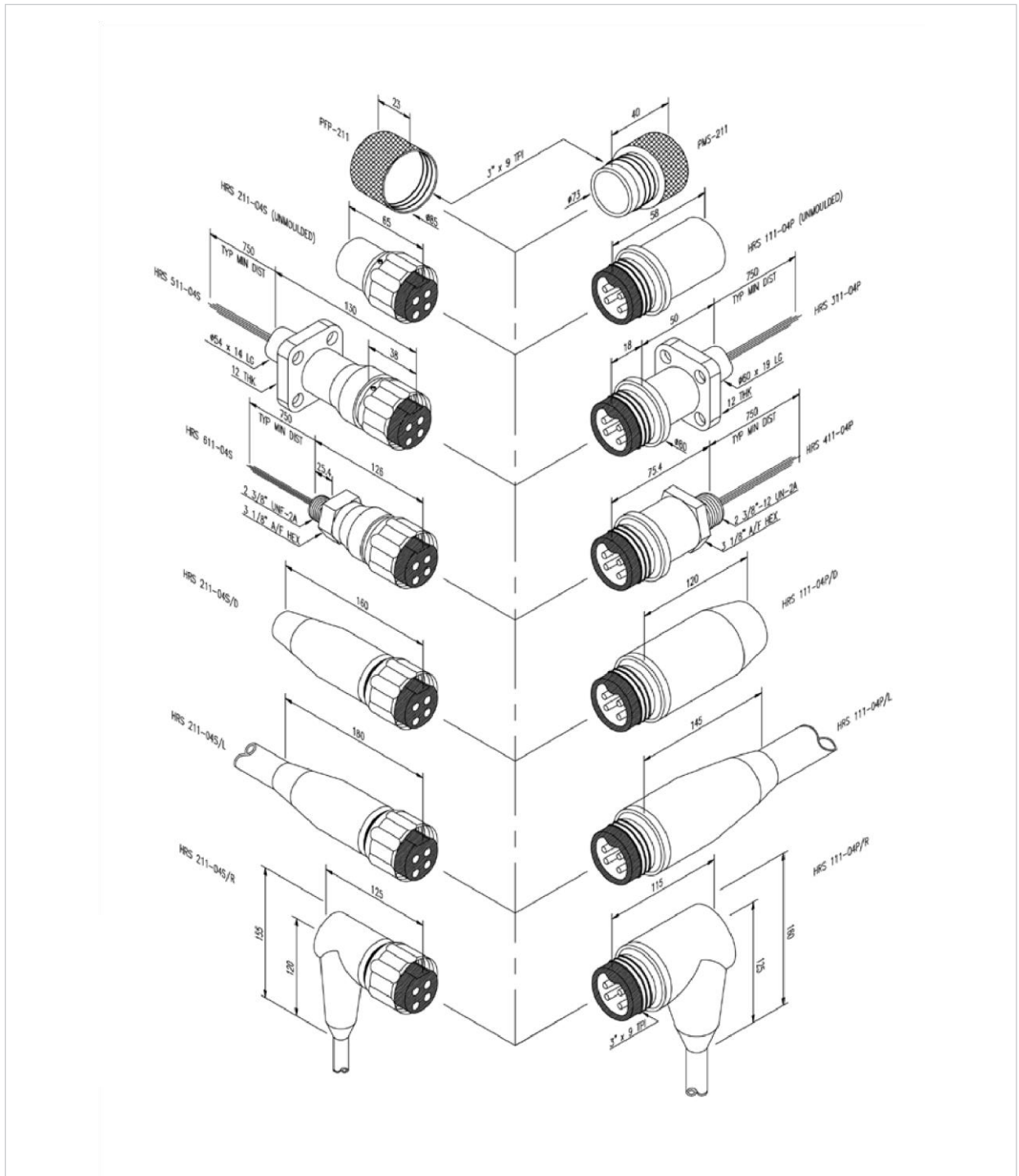
Electrical and Environmental	Standard Material Specification	Face Views
Pin Current Rating: 400 Amps Pin Voltage Rating: 2,000 V rms Contact to Contact IR: >1,000 MOhms @ 1,000 V dc Contact to Body IR: >1,000 MOhms @ 1,000 V dc Mated Depth Rating: 2,440 MSW Temperature Rating: -20 ° C to +60 ° C Conductor Tail Size: High Voltage Cable Conductor Crimp Size: 185 sq. mm	Body: Fix 316 Stainless Steel Ring: Aluminium Silicon Bronze Back Shell: N/A Contact Pins: CZ121/Au Contact Sockets: CZ121/Au Insert Material: Neoprene Conductor Tails: N/A O – Rings: NI70	 <p>Ref: HRS 08-01</p>
Pin Current Rating: 95 AMPS Pin Voltage Rating: 3,300 V rms Contact to Contact IR: >1,000 MOhms @ 1,000 V dc Contact to Body IR: >1,000 MOhms @ 1,000 V dc Mated Depth Rating: 2,440 MSW Temperature Rating: -20 ° C to +60 ° C Conductor Tail Size: 25 sq. mm Solder Bucket Size: 5.5 mm dia	Body: Fix 316 Stainless Steel Ring: Aluminium Silicon Bronze Back Shell: N/A Contact Pins: CZ121/Au Contact Sockets: CZ121/Au Insert Material: Neoprene Conductor Tails: Radox 125 NI70 O – Rings:	 <p>Ref: HRS 08-03</p>
Pin Current Rating: 80 AMPS Pin Voltage Rating: 2,000 V rms Contact to Contact IR: >1,000 MOhms @ 1,000 V dc Contact to Body IR: >1,000 MOhms @ 1,000 V dc Mated Depth Rating: 2,440 MSW Temperature Rating: -20 ° C to +60 ° C Conductor Tail Size: 25 sq. mm Solder Bucket Size: 8.0 mm dia	Body: Fix 316 Stainless Steel Ring: Aluminium Silicon Bronze Back Shell: N/A Contact Pins: CZ121/Au Contact Sockets: CZ121/Au Insert Material: Neoprene Conductor Tails: Polyrad X 0.75 m NI70 O – Rings:	 <p>Ref: HRS 08-04</p>
Pin Current Rating: 12 AMPS Pin Voltage Rating: 2,000 V rms Contact to Contact IR: >1,000 MOhms @ 1,000 V dc Contact to Body IR: >1,000 MOhms @ 1,000 V dc Mated Depth Rating: 2,440 MSW Temperature Rating: -20 ° C to +60 ° C Conductor Tail Size: 12 AWG Solder Bucket Size: 3.0 mm dia	Body: Fix 316 Stainless Steel Ring: Aluminium Silicon Bronze Back Shell: N/A Contact Pins: CZ121/Au Contact Sockets: CZ121/Au Insert Material: Neoprene Conductor Tails: Spec 44 X 0.75 m NI70 O – Rings:	 <p>Ref: HRS 08-12</p>
Pin Current Rating: 5 AMPS Pin Voltage Rating: 2,000 V rms Contact to Contact IR: >1,000 MOhms @ 1,000 V dc Contact to Body IR: >1,000 MOhms @ 1,000 V dc Mated Depth Rating: 2,440 MSW Temperature Rating: -20 ° C to +60 ° C Conductor Tail Size: 18 AWG Solder Bucket Size: 2.5 mm dia	Body: Fix 316 Stainless Steel Ring: Aluminium Silicon Bronze Back Shell: N/A Contact Pins: CZ121/Au Contact Sockets: CZ121/Au Insert Material: Neoprene Conductor Tails: Spec 44 X 0.75 m NI70 O – Rings:	 <p>Ref: HRS</p>
Pin Current Rating: 4 Amps Pin Voltage Rating: 2,000 V rms Contact to Contact IR: >1,000 MOhms @ 1,000 V dc Contact to Body IR: >1,000 MOhms @ 1,000 V dc Mated Depth Rating: 2,440 MSW Temperature Rating: -20 ° C to +60 ° C Conductor Tail Size: 18 AWG Solder Bucket Size: 2.5 mm dia	Body: Fix 316 Stainless Steel Ring: Aluminium Silicon Bronze Back Shell: N/A Contact Pins: CZ121/Au Contact Sockets: CZ121/Au Insert Material: Neoprene Conductor Tails: Spec 44 X 0.75 m NI70 O – Rings:	 <p>Ref: HRS</p>

Please view the following pages for the next Shell Size.

## Shell Size 11 / Connector Details

# Underwater Mateable Electrical Connectors

## Rubber Keyed HRS (Hydro Bond Rubber Sealing) :

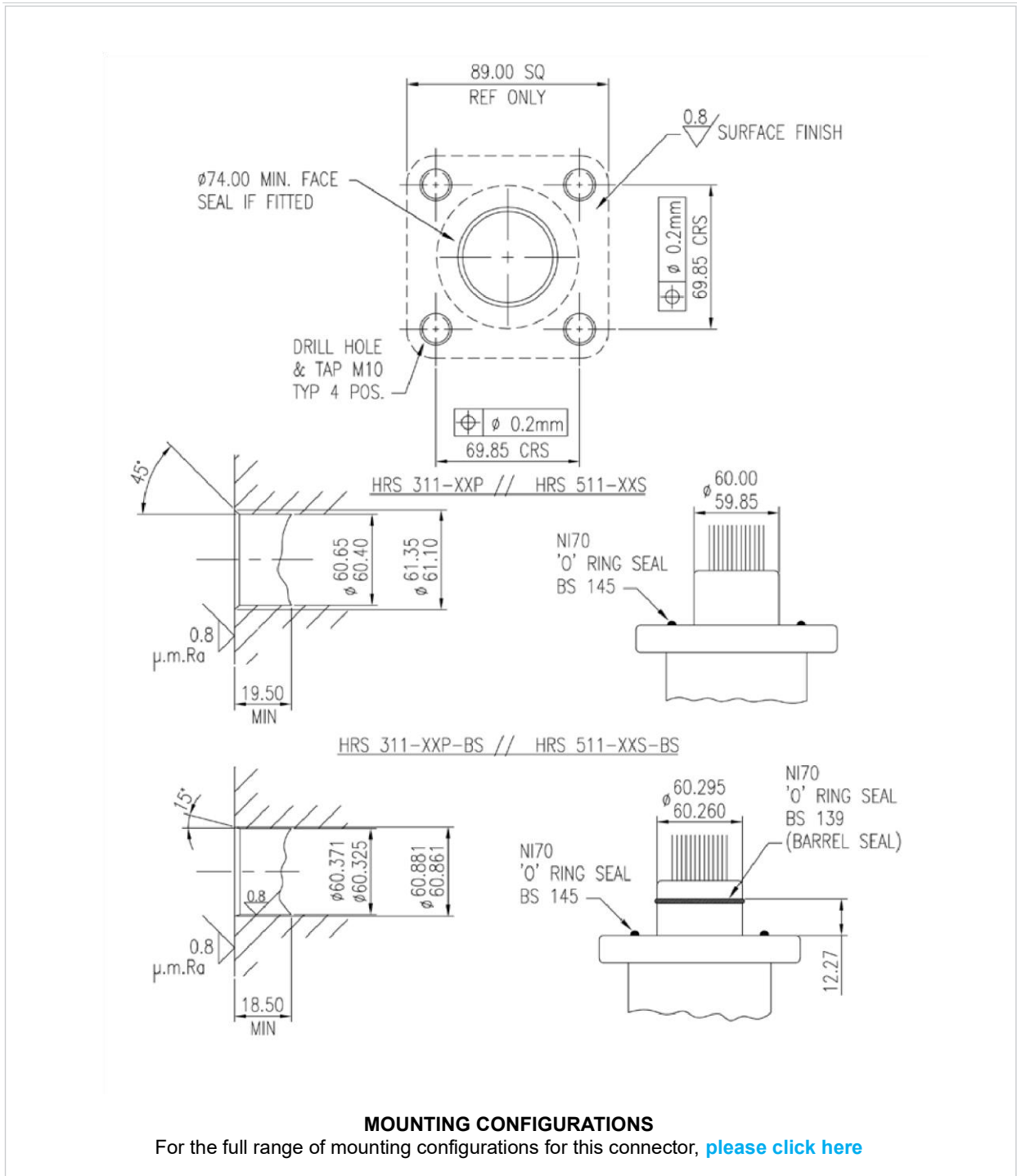


Shell Size 11 / Mounting Details



# Underwater Mateable Electrical Connectors

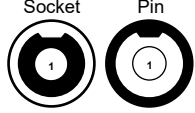
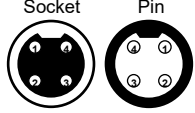
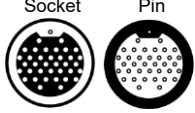
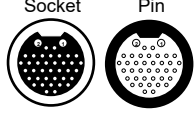
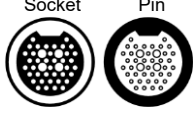
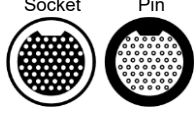
## Rubber Keyed HRS (Hydro Bond Rubber Sealing) :



## Shell Size 11 / Specifications

# Underwater Mateable Electrical Connectors

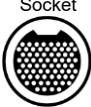
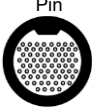
## Rubber Keyed HRS (Hydro Bond Rubber Sealing) :

Electrical and Environmental	Standard Material Specification	Face Views
Pin Current Rating: <b>750 AMPS</b> Pin Voltage Rating: <b>2,000 V rms</b> Contact to Contact IR: <b>&gt;1,000 MOhms @ 1,000 V dc</b> Contact to Body IR: <b>&gt;1,000 MOhms @ 1,000 V dc</b> Mated Depth Rating: <b>2,440 MSW</b> Temperature Rating: <b>-20 ° C to +60 ° C</b> Conductor Tail Size: <b>Details on Application</b> Solder Bucket Size: <b>27.0 mm dia</b>	Body: Fix Ring: <b>316 Stainless Steel</b> Back Shell: <b>Aluminium Silicon Bronze</b> Contact Pins: <b>N/A</b> Contact Sockets: <b>CZ121/Au</b> Insert Material: <b>CZ121/Au</b> Conductor Tails: <b>Neoprene</b> O – Rings: <b>EPR, CSP, PU BS6195 X 0.75m NI70</b>	 <b>Ref: HRS 11-01</b>
Pin Current Rating: <b>150 AMPS</b> Pin Voltage Rating: <b>2,000 V rms</b> Contact to Contact IR: <b>&gt;1,000 MOhms @ 1,000 V dc</b> Contact to Body IR: <b>&gt;1,000 MOhms @ 1,000 V dc</b> Mated Depth Rating: <b>2,440 MSW</b> Temperature Rating: <b>-20 ° C to +60 ° C</b> Conductor Tail Size: <b>35 sq. mm</b> Solder Bucket Size: <b>5.75 mm dia</b>	Body: Fix Ring: <b>316 Stainless Steel</b> Back Shell: <b>Aluminium Silicon Bronze</b> Contact Pins: <b>N/A</b> Contact Sockets: <b>CZ121/Au</b> Insert Material: <b>CZ121/Au</b> Conductor Tails: <b>Neoprene</b> O – Rings: <b>Radox 125, 0.75 m NI70</b>	 <b>Ref: HRS 11-04</b>
Pin Current Rating: <b>4 Amps</b> Pin Voltage Rating: <b>2,000 V rms</b> Contact to Contact IR: <b>&gt;1,000 MOhms @ 1,000 V dc</b> Contact to Body IR: <b>&gt;1,000 MOhms @ 1,000 V dc</b> Mated Depth Rating: <b>2,440 MSW</b> Temperature Rating: <b>-20 ° C to +60 ° C</b> Conductor Tail Size: <b>18 AWG</b> Conductor Crimp Size: <b>2.5 mm dia</b>	Body: Fix Ring: <b>316 Stainless Steel</b> Back Shell: <b>Aluminium Silicon Bronze</b> Contact Pins: <b>N/A</b> Contact Sockets: <b>CZ121/Au</b> Insert Material: <b>CZ121/Au</b> Conductor Tails: <b>Neoprene</b> O – Rings: <b>Spec 44 x 0.75 m NI70</b>	 <b>Ref: HRS 11-37</b>
Pin Current Rating: <b>2W 80 Amps, 4W15 Amps, 33W 0.5 Amps</b> Pin Voltage Rating: <b>2,000 V rms</b> Contact to Contact IR: <b>&gt;1,000 MOhms @ 1,000 V dc</b> Contact to Body IR: <b>&gt;1,000 MOhms @ 1,000 V dc</b> Mated Depth Rating: <b>2,440 MSW</b> Temperature Rating: <b>-20 ° C to +60 ° C</b> Conductor Tail Size: <b>2x25 sq.mm, 4x14 AWG, 33x18 AWG</b> Solder Bucket Size: <b>2x8.0 mm dia, 37x2.5 mm dia</b>	Body: Fix Ring: <b>316 Stainless Steel</b> Back Shell: <b>Aluminium Silicon Bronze</b> Contact Pins: <b>N/A</b> Contact Sockets: <b>CZ121/Au</b> Insert Material: <b>CZ121/Au</b> Conductor Tails: <b>Neoprene</b> O – Rings: <b>2xPolyrad x 0.5m, 37xspec 44x0.5m NI70</b>	 <b>Ref: HRS 11-39</b>
Pin Current Rating: <b>4 way, 25 way, 39 way 2 Amps</b> Pin Voltage Rating: <b>2,000 V rms</b> Contact to Contact IR: <b>&gt;1,000 MOhms @ 1,000 V dc</b> Contact to Body IR: <b>&gt;1,000 MOhms @ 1,000 V dc</b> Mated Depth Rating: <b>2,440 MSW</b> Temperature Rating: <b>-20 ° C to +60 ° C</b> Conductor Tail Size: <b>4 x 1 0 AWG, 39 x 18 AWG</b> Solder Bucket Size: <b>4x3.0 mm dia, 39x2.0 mm dia</b>	Body: Fix Ring: <b>316 Stainless Steel</b> Back Shell: <b>Aluminium Silicon Bronze</b> Contact Pins: <b>N/A</b> Contact Sockets: <b>CZ121/Au</b> Insert Material: <b>CZ121/Au</b> Conductor Tails: <b>Neoprene</b> O – Rings: <b>Spec 44 x 0.75 m NI70</b>	 <b>Ref: HRS 11-43</b>
Pin Current Rating: <b>2 AMPS</b> Pin Voltage Rating: <b>2,000 V rms</b> Contact to Contact IR: <b>&gt;1,000 MOhms @ 1,000 V dc</b> Contact to Body IR: <b>&gt;1,000 MOhms @ 1,000 V dc</b> Mated Depth Rating: <b>2,440 MSW</b> Temperature Rating: <b>-20 ° C to +60 ° C</b> Conductor Tail Size: <b>18 AWG</b> Solder Bucket Size: <b>2.5 mm dia</b>	Body: Fix Ring: <b>316 Stainless Steel</b> Back Shell: <b>Aluminium Silicon Bronze</b> Contact Pins: <b>N/A</b> Contact Sockets: <b>CZ121/Au</b> Insert Material: <b>CZ121/Au</b> Conductor Tails: <b>Neoprene</b> O – Rings: <b>Spec 44 x 0.75 m NI70</b>	 <b>Ref: HRS 11-54</b>

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## Rubber Keyed HRS (Hydro Bond Rubber Sealing) :

### Shell Size 11 / Specifications

Electrical and Environmental	Standard Material Specification	Face Views
Pin Current Rating: <b>2 AMPS</b> Pin Voltage Rating: <b>2,000 V rms</b> Contact to Contact IR: <b>&gt;1,000 MOhms @ 1,000 V dc</b> Contact to Body IR: <b>&gt;1,000 MOhms @ 1,000 V dc</b> Mated Depth Rating: <b>2,440 MSW</b> Temperature Rating: <b>-20 ° C to +60 ° C</b> Conductor Tail Size: <b>18 AWG</b> Solder Bucket Size: <b>2.5 mm dia</b>	Body: Fix <b>316 Stainless Steel</b> Ring: <b>Aluminium Silicon Bronze</b> Back Shell: <b>N/A</b> Contact Pins: <b>CZ121/Au</b> Contact Sockets: <b>CZ121/Au</b> Insert Material: <b>Neoprene</b> Conductor Tails: <b>Spec 44 X 0.75 m</b> O – Rings: <b>NI70</b>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Socket</p> </div> <div style="text-align: center;">  <p>Pin</p> </div> </div> <p style="text-align: center;"><b>Ref: HRS 11-70</b></p>
<h3 style="color: red;">Custom Product Design</h3> <p style="color: red;">Not found what you are looking for ?</p> <p>Our in house engineers design, develop, manufacture and test new products to customer specifications.</p>		