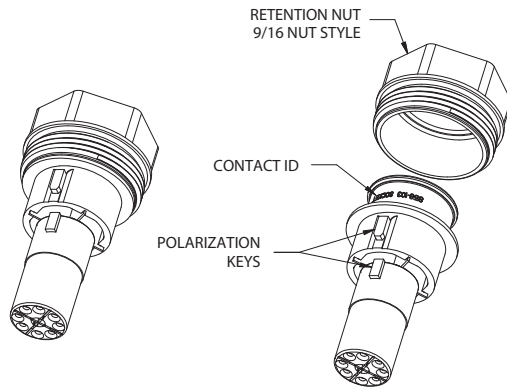


# NEXT-GENERATION SpeedMaster™ 10G high-speed contacts



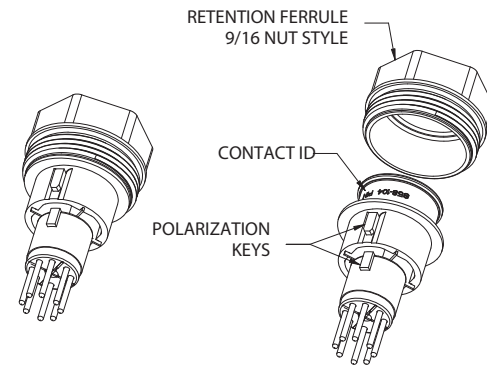
858-103 and 858-104, 10GBASE-T Cat 6A Contacts  
for pressure-rated subsea and SGEMP Ethernet cables

## 858-103 SPEEDMASTER SOCKET MODULE



| 858          | -103     | -1 |
|--------------|----------|----|
| Product Code | Basic No |    |

## 858-104 SPEEDMASTER PIN MODULE



| 858          | -104     | -1 |
|--------------|----------|----|
| Product Code | Basic No |    |

### Speedmaster™ Module Inner Contact Pinout

|                                   |                                | Pin Out  |           |
|-----------------------------------|--------------------------------|----------|-----------|
|                                   |                                | Location | Color     |
| <br>SOCKET MODULE FACE<br>858-103 | <br>PIN MODULE FACE<br>858-104 | 1        | Orng/Wht  |
|                                   |                                | 2        | Orange    |
|                                   |                                | 3        | Blu/Wht   |
|                                   |                                | 4        | Blue      |
|                                   |                                | 5        | Brwn/Wht  |
|                                   |                                | 6        | Brown     |
|                                   |                                | 7        | Grn/White |
|                                   |                                | 8        | Green     |

### SPEEDMASTER CONTACT ASSEMBLY MATERIAL/FINISH

#### 1. IMPORTANT: Only designed to fit into SpeedMaster subsea connectors.

2. Contact I.D shown shall be marked on isolator body.

3. Bandmaster: Glenair P/N 601-108

4. Tools Needed:

- M39029/57-354 socket contacts:  
Basic tool M22520/2-01 (Glenair P/N 809-015)  
Positioner M22520/2-06 (Glenair P/N 859-019)  
Spare socket contacts: M39029/57-34
- M39029/58-360 pin contacts:  
Basic tool M22520/2-01 (Glenair P/N 809-015)  
Positioner M22520/2-09 (Glenair P/N 859-018)  
Spare pin contacts: M39029/58-360
- Spare Nano Band: 601-500

5. Material/Finish

- Isolator body - copper alloy / electroless nickel.
- Contacts - copper alloy / gold plated
- Retention ferrule - copper alloy / electroless nickel.
- Insulators - rigid dielectric / N.A.
- Nanoband - Stainless Steel / Passivated

| Cables*    |                |                    |           |              |                       |
|------------|----------------|--------------------|-----------|--------------|-----------------------|
| Cable P/N  | Cable Category | Cable Construction | Wire Gage | Cable Ø      | Assembly Instructions |
| 963-139    | Cat 6A         | S/FTP              | 24        | .650 (16.51) | AI85225               |
| 963-173-24 | Cat 6A         | S/FTP              | 24        | .675 (17.15) | AI85225               |

\*Consult factory for use with other cable