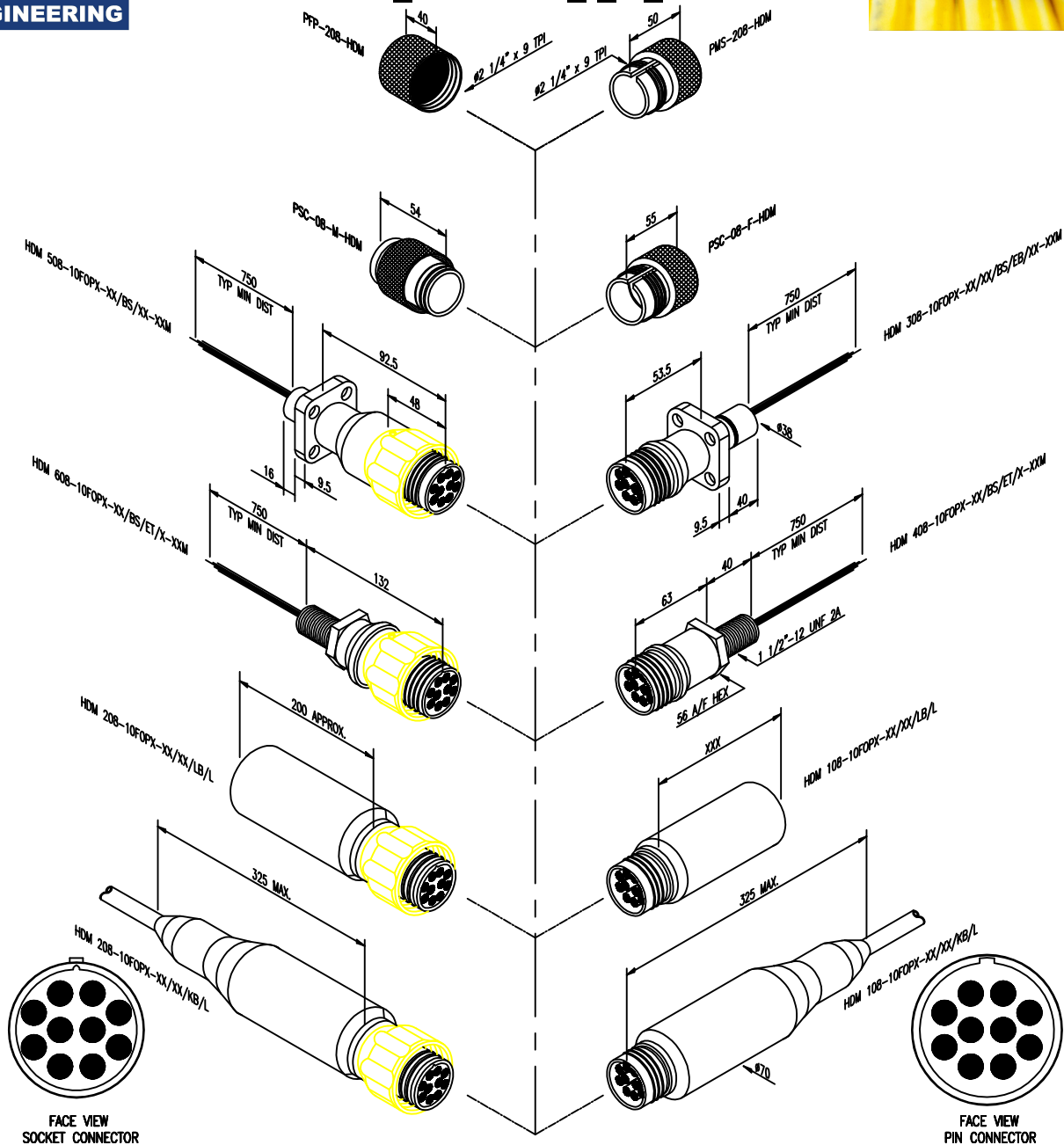




# HDM (Hydrobond Deck Mate) Surface Mateable all Optical Connectors & Hybrid Optical / Electrical Connectors

## HDM 08-10FOP - /0 P



FACE VIEW  
SOCKET CONNECTOR

FACE VIEW  
PIN CONNECTOR

### Electrical and Environmental:

- Optical Paths: 10 X Fibre Optic (Multi/Single Mode)
- Typical Insertion Loss:  $\leq 0.5$  dB
- Typical (SM) Back Reflection:  $< -30$  dB return loss
- Pin Current Rating: N/A
- Pin Voltage Rating: N/A
- Contact to Contact IR: N/A
- Contact to Body IR: N/A
- Mated Depth Rating: 3,450 MSW
- Temperature Rating:  $-20$  °C to  $+60$  °C
- Conductor Tail Size: N/A
- Solder Bucket Size: N/A

### Standard Material Specification:

- Body: 316 Stainless Steel
- Fix Ring: Aluminium Silicon Bronze
- BackShell: N/A
- Optical Ferrule: Ceramic
- Optical alignment sleeve: Ceramic
- Contact Pins: N/A
- Contact Sockets: N/A
- Insert Material: Peek
- Conductor Tails: N/A
- Optical Tails: Simplex ruggedised X
- 1.0 m. Terminated with ST connectors
- O - Rings: NI70

### Mechanical:

- Lengths = mm
- Threads = Inches
- Mounting Detail:  
See Mounting Detail  
Section of Binder