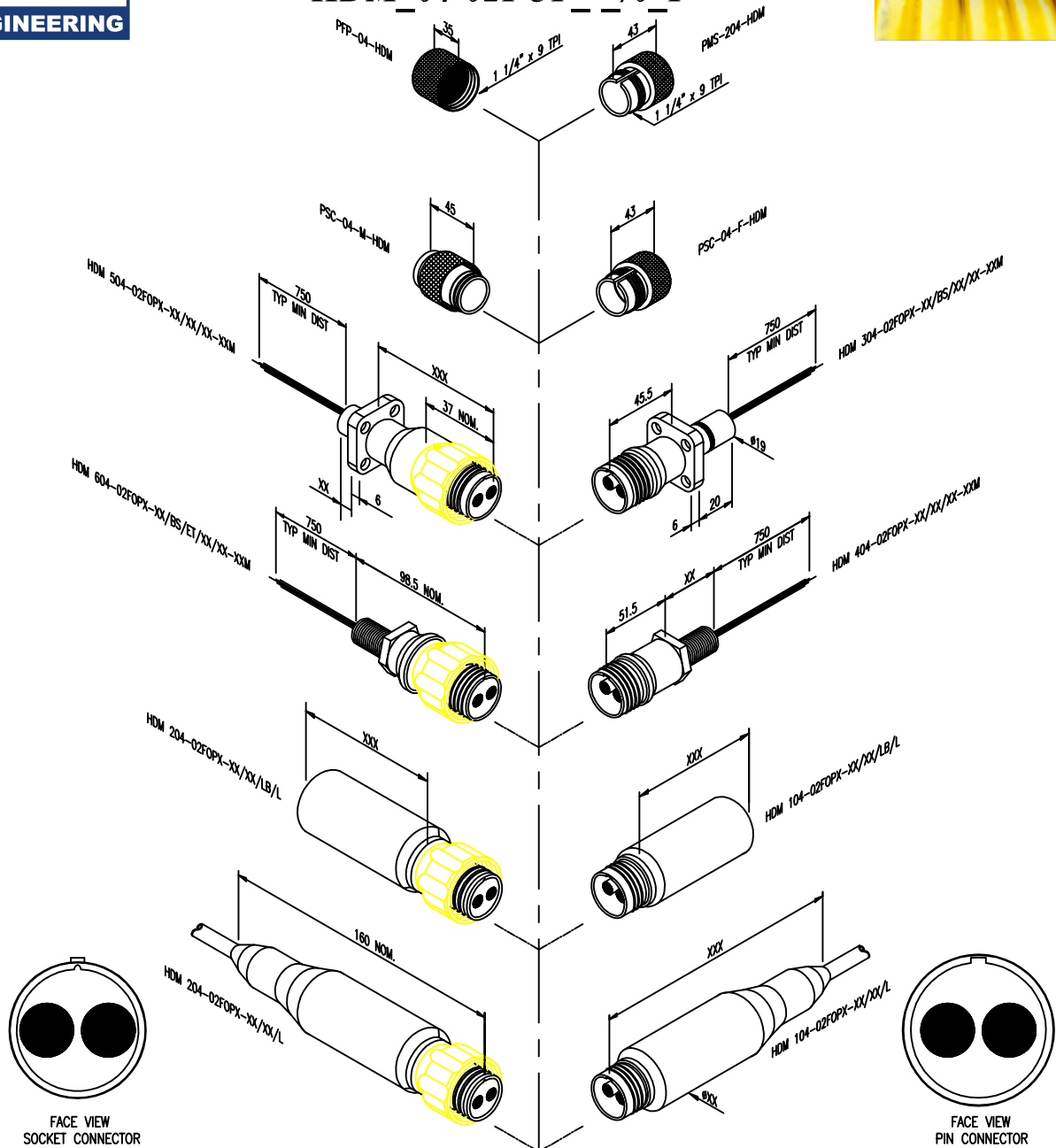




# HDM (Hydrobond Deck Mate) Surface Mateable all Optical Connectors & Hybrid Optical / Electrical Connectors

## HDM\_04-02FOP - /0 P



### Electrical and Environmental:

Optical Paths: 2 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 ruggarised X  
 1.0 m. Terminated with ST connectors  
 O - Rings: NI70

### Mechanical:

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