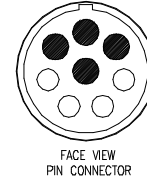
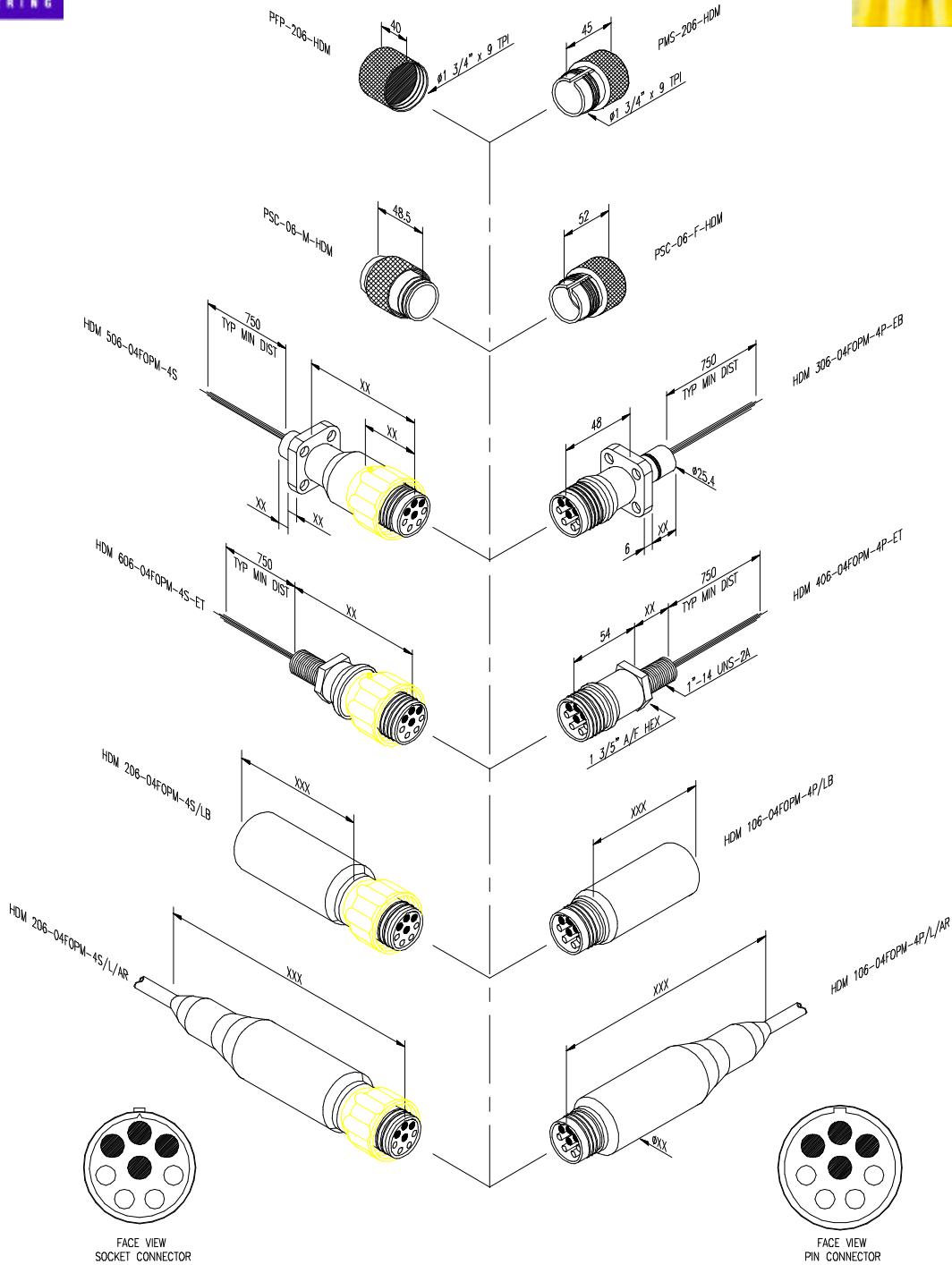
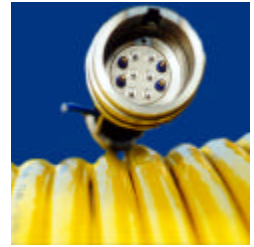




HDM (Hydrobond Deck Mate) Surface Mateable all Optical Connectors & Hybrid Optical / Electrical Connectors HDM_06-04FOP_-_ /04P



Electrical, Optical and Environmental:
 Optical paths: 4 X Fibre Optic (Multi/Single Mode)
 Typical Insertion Loss: ≤ 0.5 dB
 Typical (SM) Back Reflection: < -30 dB return loss
 Pin Current Rating: 20 Amps
 Pin Voltage Rating: 1,000 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: 3,450 MSW
 Temperature Rating: -20° C to $+60^{\circ}$ C
 Conductor Tail Size: 12 AWG
 Solder Bucket Size: 2.5 mm dia

Standard Material Specification:
 Body: 316 Stainless Steel
 Fix Ring: Aluminium Silicon Bronze
 Back Shell: N/A
 Optical Ferrule: Ceramic
 Optical alignment sleeve: Ceramic
 Contact Pins: CZ121/Au
 Contact Sockets: CZ121/Au
 Insert Material: Peek
 Conductor Tails: Spec 44 X 1.0 m.
 Optical Tails: Simplex ruggardised X 1.0 m. Terminated with ST connectors
 O – Rings: NI70

Data Sheet:
 Issue: 01
 Approved by:
Mechanical:
 Lengths = mm
 Threads = Inches
Mounting Detail:
 See Mounting Detail
 Section of Binder