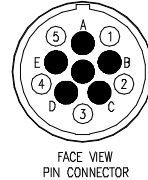
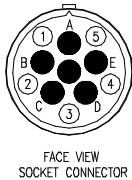
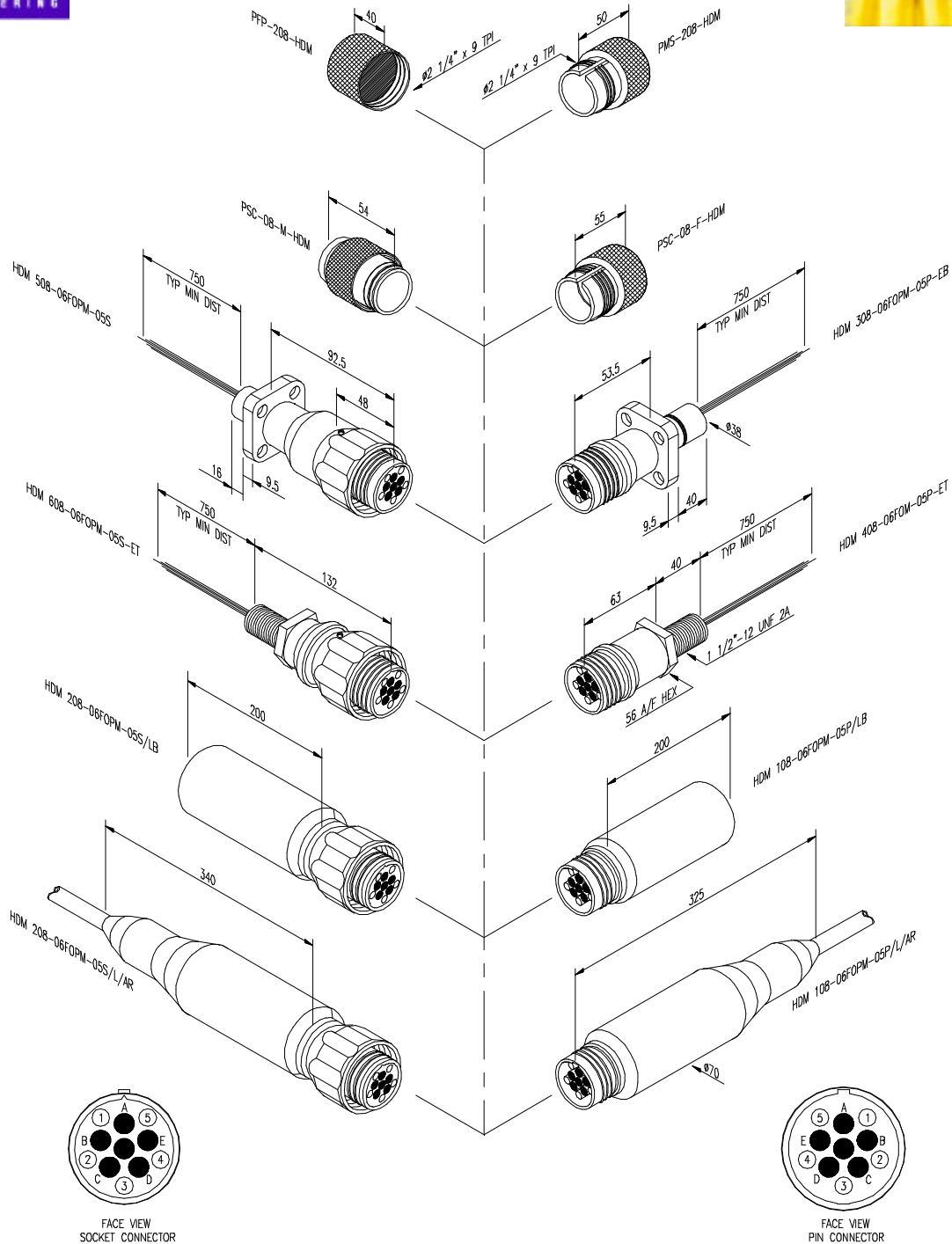
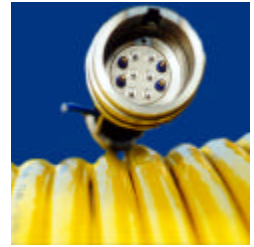




HDM (Hydrobond Deck Mate) Surface Mateable all Optical Connectors & Hybrid Optical / Electrical Connectors HDM_08-06FOP_-_/05P



Electrical, Optical and Environmental:

Optical paths: **6 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 ° 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**