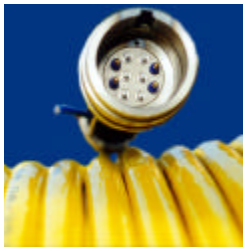
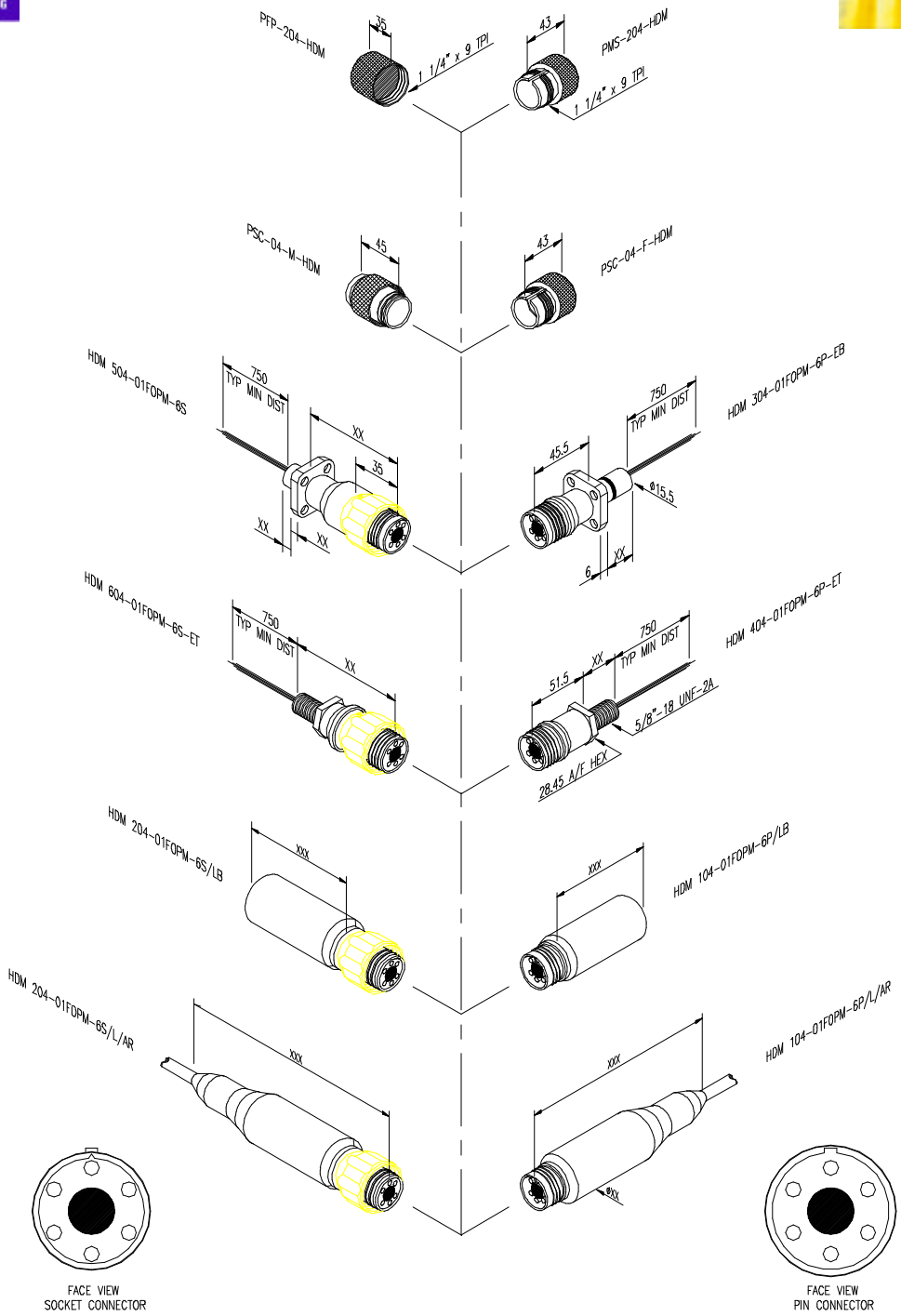
HDM (Hydrobond Deck Mate)
Surface Mateable all Optical Connectors & Hybrid Optical / Electrical Connectors
HDM_04-01FOP_-_/06P





Electrical, Optical and Environmental:

Optical paths: 1 X Fibre Optic (Multi/Single Mode)
Typical Insertion Loss: ≤ 0.5 dB
Typical (SM) Back Reflection: < - 30 dB return loss
Pin Current Rating: 7 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: 18 AWG
Solder Bucket Size: 1.2 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