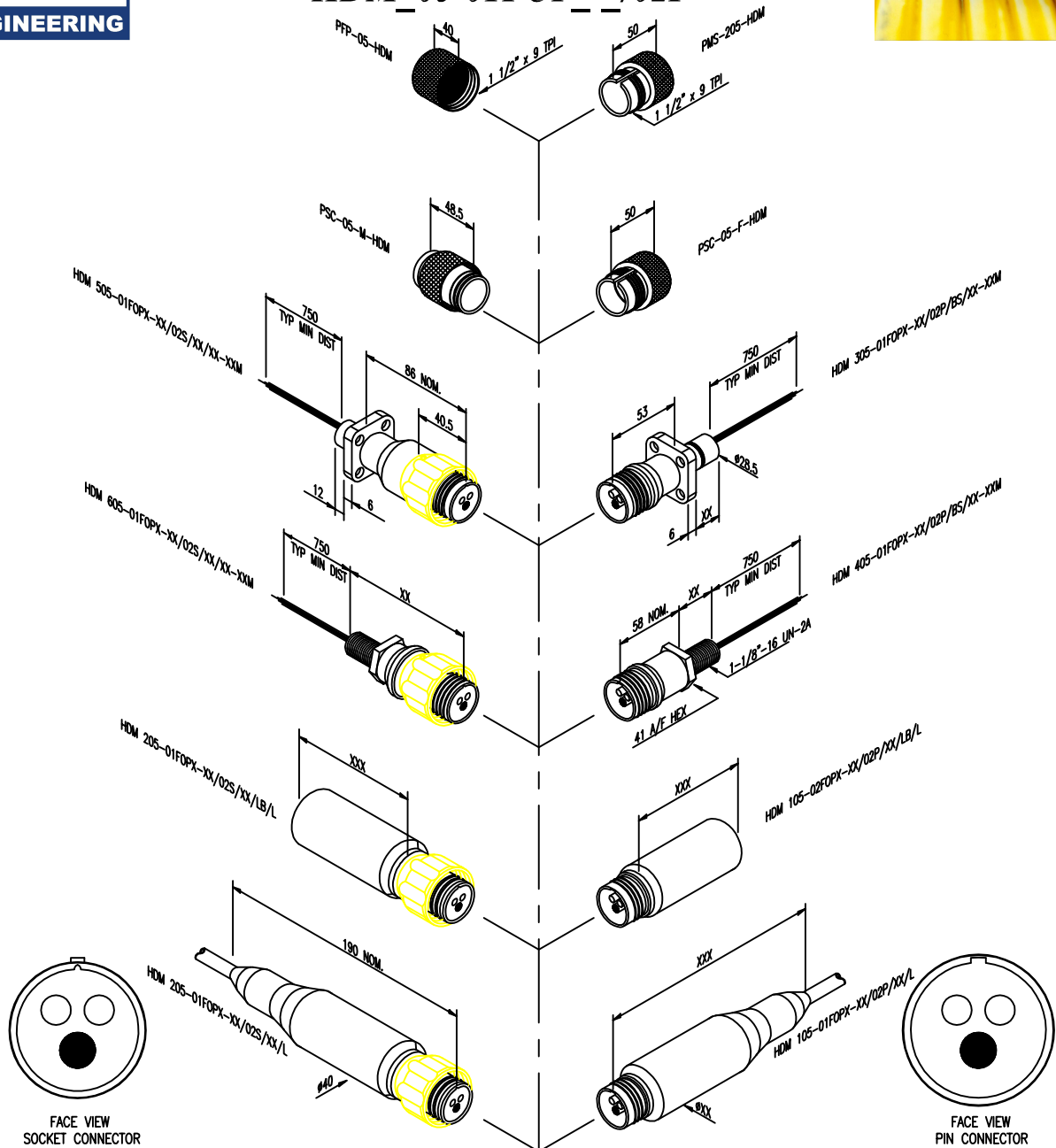




HDM (Hydrobond Deck Mate) Surface Mateable all Optical Connectors & Hybrid Optical / Electrical Connectors HDM_05-01FOP_- /02P



Electrical 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: 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
 BackShell: 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 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