

SPECIFICATIONS

Mechanical

Mating Force: HDMI-4.5kgf(max.); POF-4.0kgf(max.)
Unmating Force: HDMI-1.0kgf-4Kgf; POF-0.5kgf(min.)
Durability: HDMI-10000 cycles; POF-500 cycles

Electrical

Current Rating: 0.5A(min.)
Contact Resistance: Initial 10mΩ(max.); after test contact : Δ 30mΩ(max.),
 Shell: Δ 50mΩ(max.); excluding conductor resistance.
Dielectric Withstanding Voltage: 500V AC (Rms.)
Insulation Resistance: 100MΩ min.
Supply Voltage: -0.5 ~ 7V.
DC Input Voltage: -0.5 ~ Vcc+0.7 V.
Transmission Speed(NRZ SIGNAL): 16Mbps max.

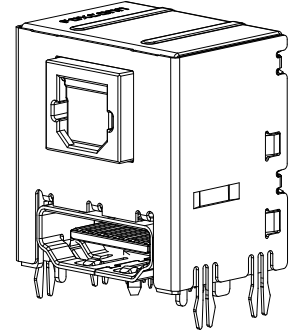
Physical

Housing: Thermoplastic, UL 94V-0 rated in black.
Contact: Copper alloy
Plating: See "ORDERING INFORMATION"
Solder Pad: Copper alloy
Operating Temperature: -20°C to +70°C

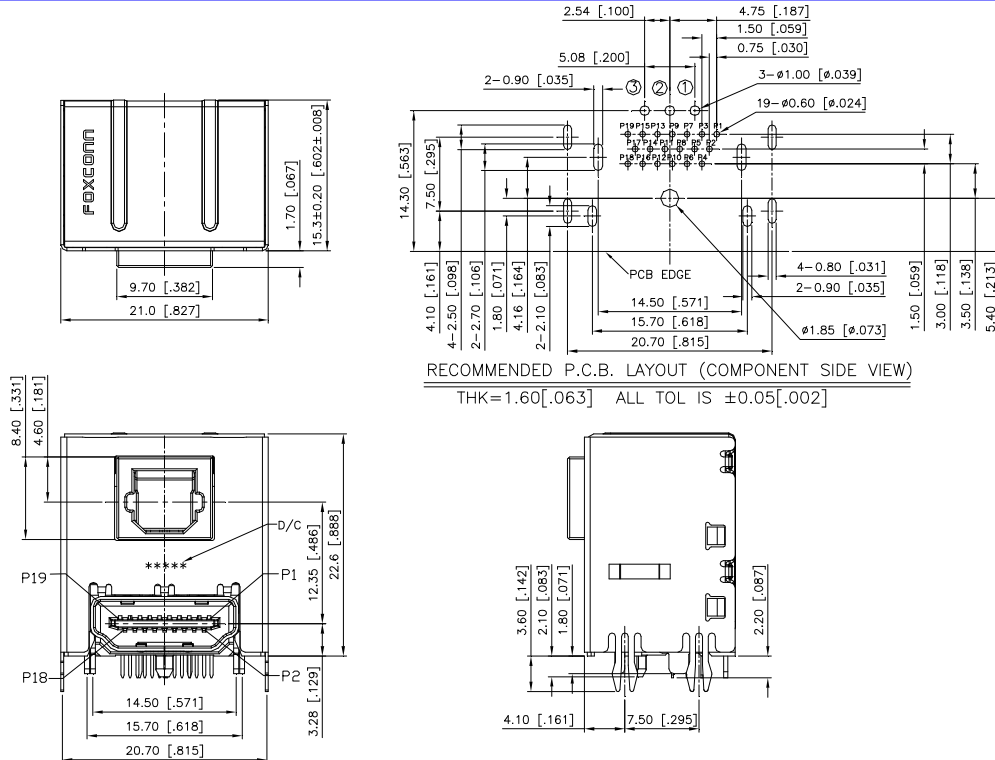
POF OVER HDMI Connector

POF Receptacle Series
 Right Angle, T/H Type,
 Toslink Type Structure.

HDMI Receptacle Series
 Right Angle, T/H Type
 0.50mm [.020"] Pitch 19 Pos.



DRAWING



ORDERING INFORMATION

PRODUCT NO.: 2F 1 2 T C 1 - FH94 - 4 F

- SERIES PREFIX ———— 2F ———— LEAD FREE CODE
 PLASTIC OPTICAL FIBER ———— F=LEAD FREE
- Termination Type ———— 1 ———— Package Code
 1=RIGHT ANGLE/THROUGH HOLE ———— 4=TRAY PACKAGE
- BODY TYPE ———— 2 ———— MODIFICATION CODE
- DRIVER TYPE ———— T ———— CONTACT PLATING
 T=TRANSMITTER TYPE ———— 1= G/F
- TRANSMISSION SPEED ———— C ————
- C=16Mbps