

POF Connectors for MOST

DESCRIPTION

- Optical Connectors for in-vehicle multimedia LAN systems using POF (plastic optical fiber)
- Used for MOST (Media Oriented Systems Transport) system which European carmakers have adopted
- Currently available for automotive multimedia system suppliers

SPECIFICATIONS

Items	Specification
Operating temperature	-40°C~ +85°C to 95°C
Data rate	~ 45Mbps(NRZ)
Lock force	=110N
Optical coupling loss	=2.5dB
Shield capacity	Metal case

FEATURES / BENEFITS

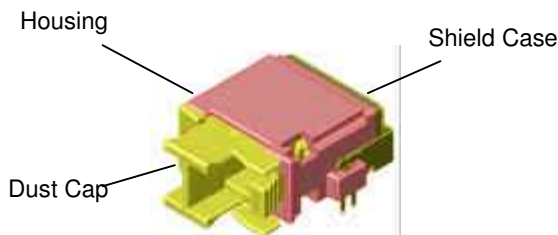
- MOST specification compliance
- Small packaged design ("Header Type Connector")
- FOT is integrated within the connector
- Low optical loss structure

PRODUCTS

(1) 2+0 Header type connector

The FOTs are covered with a metal shield case for improved EMI performance.

Part No.: 7281-6073-30



(2) 2+4 Header type connector

Both optical terminals (2poles) and electrical terminals (4pins) are contained in a connector housing (hybrid type).

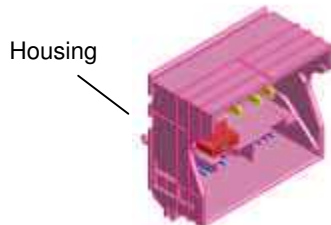
Part No.: 7381-6066-30



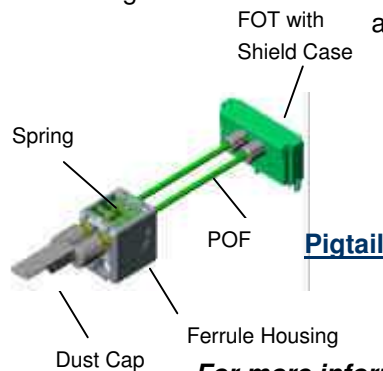
(3) 4+40 type connector

Both optical terminals (4poles) and electrical terminals (40pins) are composed in a connector housing. FOT is linked to the connector housing with short POF cable.(Pigtail)

Part No.: 7381-6071-30

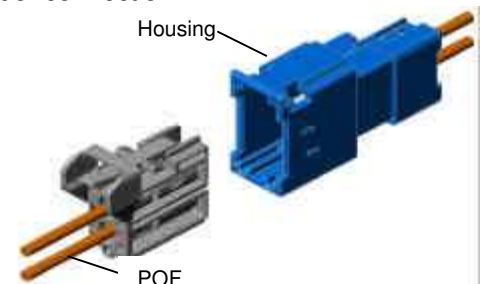


40P PCB connector



(4) In-line connector

Available in a 2 pole version allowing flexible partitioning of the wire harness and fit into existing wire harness topologies. Uses the same interface as the header connection.



For more information, contact info@us.yazaki.com