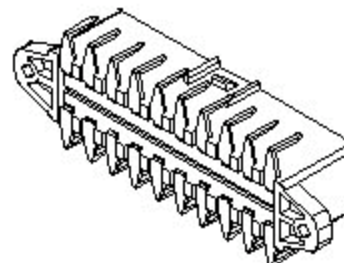


35205-2010

5.00mm (.197") Pitch Wire-to-Board Header, Bottom PCB Mounting, 1.78mm (.070") Tab, 20 Circuits



<u>Status</u>	Active
<u>Orientation</u>	Vertical
<u>Pitch / Center Spacing</u>	5.00mm (.197"), 6.80mm (.268")
<u>Circuits / Positions</u>	20
<u>Rows</u>	2
<u>Stackable</u>	No
<u>Breakaway</u>	No
<u>Shrouded</u>	Yes
<u>Pin Header</u>	Yes

RELATED PRODUCTS

<u>Lock to Mating Part</u>	Positive
<u>Mates With</u>	35109

MOUNTING

<u>PCB Mounting</u>	Through Hole
<u>Polarized to PCB</u>	Yes
<u>PCB Retention</u>	Screw Hole
<u>PCB Locator</u>	Yes
<u>PCB Thickness</u>	1.6mm (.062")
<u>Staggered Tails</u>	No

ELECTRICAL

<u>Current-max [amps]</u>	5.0A
<u>Voltage-max [volts]</u>	300V
<u>Withstanding Voltage</u>	1500V AC
<u>Contact Resistance [ohms]</u>	10 milliohms max.
<u>Insulation Resistance [ohms]</u>	1000 Megohms min.

PHYSICAL

<u>Housing Material</u>	PA Polyamide (Nylon) 6/6
<u>Color</u>	Natural (Nylon Off White)
<u>Flammability</u>	UL 94V-2
<u>Contact</u>	Brass (CuZn)
<u>Plating Contact</u>	Tin (Sn)
<u>Plating Tail</u>	Tin (Sn)

ENVIRONMENT

RoHS Status ELV and RoHS Compliant

Features and Benefits

- Sizes 16 and 20 circuits
- Mounted through PCB cut-out for space savings and design flexibility
- Screw-mounting flanges provide strong pcb retention
- Optional polarizing function
- Application: Automotive, Instrument Cluster

Under Plating Copper (Cu)
Durability [mating cycles] min. 30 cycles
Temperature Range -40°C to +105°C
Unmated Height 15.80mm (.622")
Unmated Width 6.80mm (.268")
Pin Size 0.60mm (.024"), Square
Designed In Millimeters

REFERENCE

Product Specification PS-35028-001
Packaging Bag
Molex Series 35205