SERIES A6X
STANDARD RJ45 MAGNETIC JACKS

FEATURES:
- 10/100 or 1000 Base T options – Full IEEE 802.3 compliance
- Integrated Magnetics – Provides signal integrity, DC isolation and protection for PHY chip
- Integrated Design - Reduces component inventory and process costs
- Spring fingers on shells - Guaranteed advanced EMI/RFI suppression
- LED options available - Visual indication of port status and activity information for user
- Tab Up or Down options - Complete design for board and unit compatibility
- Available as Single or Stacked Multiport Options
- Mate with Modular Plug Conforming to FCC Part 68, Subpart F
- Applications: Telecommunications, Broadcast, Data Products
- RoHS Compliant

Specifications:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing Material</td>
<td>Thermoplastic, UL 94V-0</td>
</tr>
<tr>
<td>Contact Material</td>
<td>Copper Alloy</td>
</tr>
<tr>
<td>Contact Plating</td>
<td>Gold Plating on contact area and Tin Plating on tails with Nickel underplating all over</td>
</tr>
<tr>
<td>Shield</td>
<td>Copper Alloy with Nickel Plating</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>-40°C to +85°C</td>
</tr>
<tr>
<td>Wave Soldering Process</td>
<td>260°C ± 5°C, 5~10 Seconds</td>
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<td>Performance:</td>
<td>CAT5 10/100 BASE-T</td>
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<tr>
<td></td>
<td>CAT5e 10/100/1000 BASE-T or Gigabit Ethernet</td>
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<tr>
<td></td>
<td>CAT6a 10 Gigabit Ethernet</td>
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</tbody>
</table>

Example Part Number:

A60-142-200P431

Electrical Circuit Type:
(See Circuit Type Page for Details)

Shield Type:
0 - NO SHIELD
1 - SHIELDED, NO EMI FINGER
2 - SHIELDED, WITH EMI FINGER ON TOP
3 - SHIELDED, WITH EMI FINGER BOTH SIDES
4 - SHIELDED, WITH EMI FINGER ON THREE SIDES
5 - SHIELDED, WITH EMI FINGER ON FOUR SIDES
6 - SHIELDED, WITH EMI FINGER ON THREE SIDES, LED TAIL STAGGERED
7 - SHIELDED, WITH EMI FINGER ON THREE SIDES, 3 LEG TAIL LED

Housing Material:
P - PBT POLYESTER
N - NYLON POLYESTER
L - LCP

Contact Plating:
2 - GOLD FLASH
3 - 15 MICROINCHES OF GOLD
4 - 30 MICROINCHES OF GOLD
5 - 50 MICROINCHES OF GOLD

Connector Type:
2 - RIGHT ANGLE WITH TAB-UP
3 - RIGHT ANGLE WITH TAB-DOWN
4 - VERTICAL WITH TAB-UP
5 - VERTICAL WITH TAB-DOWN
6 - SMT WITH TAB-UP
7 - SMT WITH TAB-DOWN
8 - RIGHT ANGLE WITH TAB-UP AND PANEL STOP
9 - RIGHT ANGLE WITH TAB-DOWN AND PANEL STOP
A - VERTICAL WITH TAB-UP AND PANEL STOP

Left LED Color:
0 - NO LED
1 - YELLOW
2 - RED
3 - GREEN
4 - ORANGE
5 - GREEN/YELLOW BI-COLOR

Right LED Color:
0 - NO LED
1 - YELLOW
2 - RED
3 - GREEN
4 - ORANGE
5 - GREEN/YELLOW BI-COLOR

*Please consult EDAC for the availability of the modular or magnetic jack if the part no is created using this ordering guide.