



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:

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

Example Part Number:

SERIES:

A60 - 10/100/1000 BASE T, 8 CORE
A62 - 10/100 BASE T, 2 CORE
A63 - 10/100 BASE T, 4 CORE
A64 - 10/100 BASE T, 5 CORE
A65 - 10 BASE T, 3 CORE
A66 - 10 BASE T, 4 CORE
A67 - 10/100 BASE T, POE
A68 - 10/100 BASE T WITH USB TYPE A
A69 - 100/1000 BASE T WITH USB TYPE A
A70 - 100/1000 BASE T, POE

NO. OF PORTS: 1 4
STACK SIZE: 1 4 — PORT PER STACK
11 - 1X1: 1 PORT, 21 - 2X1: 2 PORTS
12 - 1X2: 2 PORTS, 22 - 2X2: 4 PORTS
14 - 1X4: 4 PORTS, 24 - 2X4: 8 PORTS
18 - 1X8: 8 PORTS, 28 - 2X8: 16 PORTS
1A - 1+2USB: 1 PORT + 2 USB PORTS
1B - 1+2USB3.0: 1 PORT + 2 USB3.0 PORTS

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

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

RIGHT LED COLOR:

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

- 6 - RED/GREEN BI-COLOR
- 7 - GREEN/ORANGE BI-COLOR
- 8 - RED/YELLOW BI-COLOR
- 9 - ORANGE/YELLOW BI-COLOR

LEFT LED COLOR:

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

- 6 - RED/GREEN BI-COLOR
- 7 - GREEN/ORANGE BI-COLOR
- 8 - RED/YELLOW BI-COLOR
- 9 - ORANGE/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.

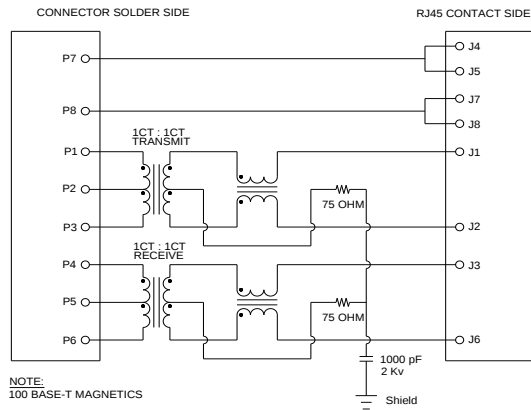


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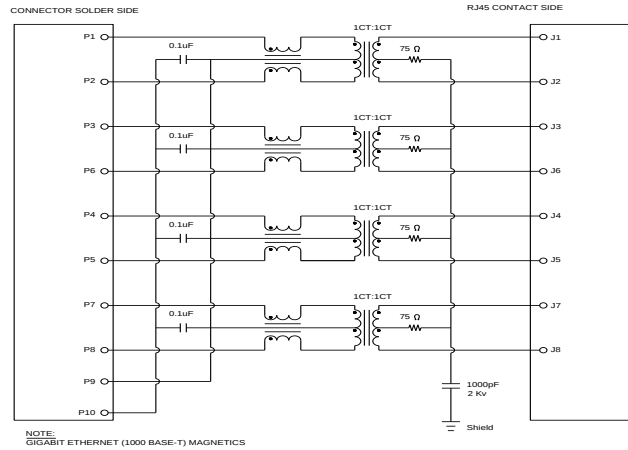
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CONTACT EDAC FOR FURTHER INFORMATION ON VARIOUS OTHER CIRCUITS

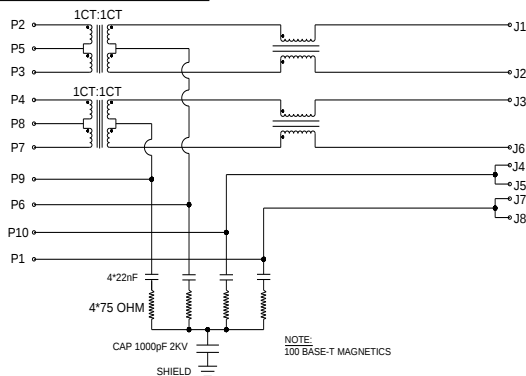
16 TYPE



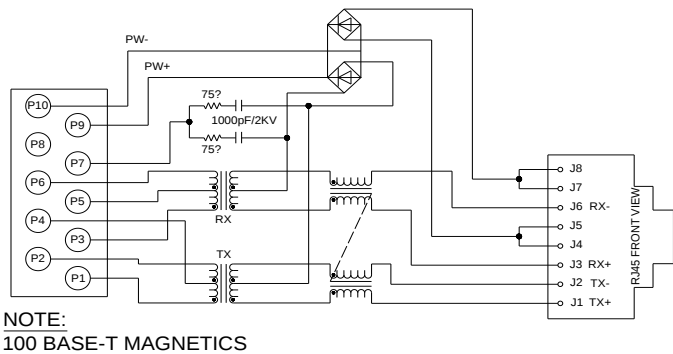
70 TYPE



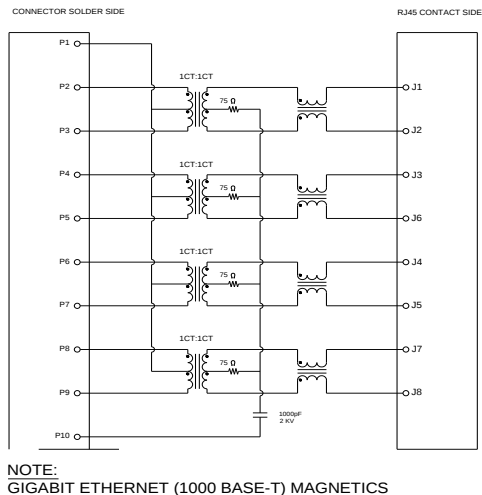
P1 TYPE: POWER OVER ETHERNET



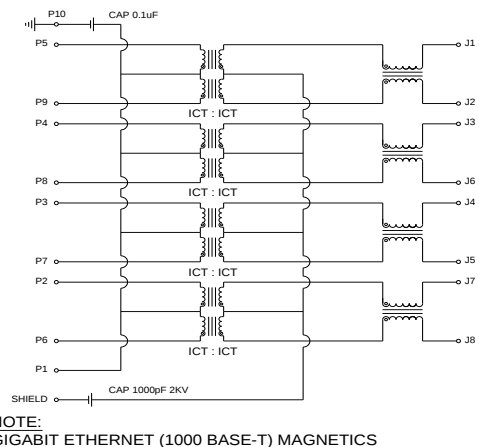
13 TYPE: POWER OVER ETHERNET



32 TYPE



30 TYPE



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

EDAC:

<u>A60-262-300P562</u>	<u>A63-112-300P422</u>	<u>A63-144-300N161</u>	<u>A63-144-313P161</u>	<u>A64-112-231N411</u>	<u>A64-114-231N411</u>
<u>A63-112-213N491</u>	<u>A63-112-331P431</u>	<u>A63-114-331P431</u>	<u>A63-114-300P422</u>	<u>A60-144-300P111</u>	<u>A60-264-300P562</u>
<u>A63-114-213N491</u>	<u>A63-112-431P112</u>	<u>A61-112-233P4C3</u>	<u>A61-114-233P4C3</u>	<u>A63-112-300P131</u>	<u>A63-112-331P4D2</u>
<u>A63-114-231N435</u>	<u>A63-114-300P131</u>	<u>A63-114-331P4D2</u>	<u>A63-114-431P112</u>	<u>A64-112-271P521</u>	<u>A64-114-271P521</u>
<u>A64-112-231N420</u>	<u>A63-112-431P412</u>	<u>A63-113-231N435-15U</u>			