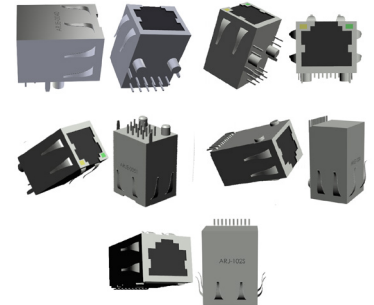


# RJ45 JACKS FEATURING 10GBASE-T SMD FOR INDUSTRIAL APPLICATIONS

## PRODUCT DESCRIPTION

Abracon's ARJE line of RJ45 jacks with integrated magnetics offers a variety of connectivity solutions for industrial applications. The ARJE-1034 surface mount (SMD) 10GBase-T that supports -40°C to 85°C industrial operating temperature range. The ARJE-0041/0040 1000Base-T devices support paste in hole assembly (PIH) which is compatible with SMD assembly and operate from -40°C to 85°C.



## APPLICATIONS

- Industrial
- Medical
- Test and Measurement
- Networking equipment
- Internet of Things (IoT)
- Video IP cameras
- Machine-to-machine (M2M)
- Servers and cloud computing
- High performance computing (HPC)
- Network interface cards (NIC)
- Media converters

## FEATURES

- High speed 10GBase-T
- 10/100/1000Base-T compatibility
- Surface mount device
- Wide -40°C to 85°C operating temperature range
- Integrated magnetics
- Integrated shielding and metal fingers for excellent EMI performance

Part Number	Description	Operating Temperature °C
ARJE-1034	SMD 1PORT 10GBASE-T W/MAG	-40°C~85°C
ARJE-1034-A	SMD 1PORT 10GBASE-T W/MAG	0°C~70°C
ARJ-102S	SMD 1PORT 1000 BASE-T W/MAG	-40°C~85°C
ARJE-0041	PIH REFLOW 1PORT 100BASE-T W/MAG	-40°C~85°C
ARJE-0040	PIH REFLOW 1PORT 1000BASE-T W/MAG	-40°C~85°C
ARJE-0051-MASA	VERTICAL 1PORT 1000 BASE-T W/MAG	0°C~70°C
ARJE-0051-MASB	VERTICAL 1PORT 1000 BASE-T W/MAG	0°C~70°C
ARJE-0051-MBSA	VERTICAL 1PORT 1000 BASE-T W/MAG	0°C~70°C
ARJE-0051-MBSB	VERTICAL 1PORT 1000 BASE-T W/MAG	0°C~70°C