### Materials & Finish

1) **Shell**
   - Material: Aluminium alloy.
   - Plating: Nickel

2) **RJ45**
   - Type: Cat 6a.
   - Contacts: Copper with selective Gold Plated.
   - Shielding: Nickel plated, Copper Alloy.
   - Body: PBT, UL94V.

3) **Insulator**
   - Type: Polychloroprene

### Specifications

- **Voltage rating**: 50 VDC / 35 VAC
- **Dielectric withstand voltage**: 500V AC
- **Insulation resistance**: Min. 500 Mega Ω (at 500 VDC)
- **Temperature range**: -40°C to 85°C

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**ALLIED ELECTRONICS CORPORATION**

MUMBAI 400093, INDIA.

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**SR.NO.** | **DATE** | **REVISION DETAILS** | **SIGN.**
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01 | 11/03/2014 | | |

**SCALE:** NTS

**DRN:** SSH

**CHKD:** PROVN.

**APPD:** SP (17/7/15)

**TITLE:** LAYOUT DRG.

**ISSUE** | **SHEET** | **GENERAL MACHINING** | **SURFACE TEXTURE** | **DRG. NO.:** |
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01 | 1/1 | | 3.2 | PROPOSED

Ref. Drawings / Assembly / AEC / 02 / Layout AEC 02 22 45S TBF RJ COMM6A NI