**DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE STATED. WORK TO DIMENSIONS. REMOVE ALL BURRS. IF IN DOUBT ASK.**

**CONTENTS OF THIS DOCUMENT MUST NOT BE COPIED OR DISCLOSED TO A 3rd PARTY WITHOUT WRITTEN PERMISSION OF CLIFF UK.**

---

**DESCRIPTION** | **QTY** | **MATERIAL** | **FINISH / COLOUR**
--- | --- | --- | ---
HOUSING | 1 | NYLON | BLACK
CENTRE PIN | 1 | BRASS | TIN PLATED
CONTACT 1 | 1 | BRASS | SILVER PLATED
CONTACT 2 | 1 | BRASS | SILVER PLATED
CONTACT 3 | 1 | SUS STEEL | SILVER PLATED
CONTACT 4 | 1 | BRASS | SILVER PLATED

**INSERTION / WITHDRAWAL FORCE:** 0.3-2 kgf

**CONTACT RESISTANCE** (4 TERMINAL METHOD 1kHz <100mA)

**INITIAL**
- PLUG / CONTACT <50mΩ
- CONTACT / SHUNT <30mΩ

**AFTER LIFE TEST**
- PLUG / CONTACT <100mΩ
- CONTACT / SHUNT <60mΩ

**ELECTRICAL RATING**
- 1A / 12V

**DESCRIPTION** | **PART No.** | **DESCRIPTION** | **PIN Ø** | **SUPPLIED**
--- | --- | --- | --- | ---
SMD SOCKET DC-8S Ø1.3mm PIN | FC68145S | SMD DC8-AS | Ø1.30 | BAGGED / LOOSE
| FC68145ST | SMDT DC8-AS | Ø1.30 | TAPED 1000x PER REEL

---

**RoHS COMPLIANT**

---

**OCTAGONAL PROJECTION**

---

**3rd ANGLE PROJECTION:**

---

**CLIFF**

---

Cliff Electronic Components Ltd.

76 Holmethorpe Avenue, Holmethorpe Industrial Estate, Redhill, Surrey, RH1 2PF, England, UK

Tel: 01737-771375 Fax: 01737-766012 Website: www.cliffuk.co.uk

**THE CONTENTS OF THIS DOCUMENT MUST NOT BE COPIED OR DISCLOSED TO A 3rd PARTY WITHOUT WRITTEN PERMISSION OF CLIFF UK.**

---

**DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE STATED. WORK TO DIMENSIONS. REMOVE ALL BURRS. IF IN DOUBT ASK.**

---

**FINISH:** CLEAN

---

**APPROVED:** D.P.J.

---

**DRWG. No.** FC68145S

---

**FORM:** A4DRWG

---

**DO NOT SCALE**

---

**TOLERANCE**

NO DEC. PLACE ±0.50
1 DEC. PLACE ±0.30
2 DEC. PLACE ±0.15

HOLE Ø ±0.10
ANGLES ±2°

UNLESS OTHERWISE STATED