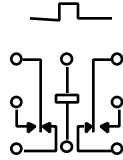


SHC·SHCS

**STANDARD • SENSITIVE
.100 GRID SURFACE MOUNT
COMMERCIAL RELAY**



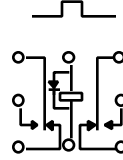
TERMINAL VIEW

FEATURES

- Hermetically sealed
- Mounting Pads
- Excellent RF switching

SHCD·SHCSD

**STANDARD • SENSITIVE
.100 GRID SURFACE MOUNT
DIODE SUPPRESSED
COMMERCIAL RELAY**



TERMINAL VIEW

FEATURES

- Suppression Diode
- Hermetically sealed
- Mounting Pads
- Excellent RF switching

ELECTRICAL CHARACTERISTICS

CONTACT ARRANGEMENT

2 Form C (DPDT)

CONTACT MATERIAL

Stationary:
Gold/platinum/palladium/silver alloy
(gold plated)

Moveable:
Gold/platinum/palladium/silver alloy
(gold plated)

CONTACT RESISTANCE

Before Life:
100 milliohms max.
(measured @ 10 mA @ 6 Vdc)

After Life:
200 milliohms max.
(measured @ 1 A @ 28 Vdc)

MECHANICAL LIFE EXPECTANCY

1 million operations

ELECTRICAL CHARACTERISTICS

COIL VOLTAGE

5 to 26.5 Vdc (SHC/SHCD)
5 to 48 Vdc (SHCS/SHCSD)

COIL POWER

SHC/SHCD:
660 mW max. @ 25°C

SHCS/SHCSD:
565 mW max. @ 25°C

DUTY CYCLE

Continuous

PICK-UP VOLTAGE

Approximately 70% of
nominal coil voltage

PICK-UP SENSITIVITY

SHC/SHCD:
180 mW max. @ 25°C

SHCS/SHCSD:
90 mW max. @ 25°C

CONTACT RATINGS

CONTACT LOAD	TYPE	OPERATIONS MIN.
1.0 A @ 28 Vdc	Resistive	100,000
250 mA @ 115 Vac, 60 Hz & 400 Hz	Resistive (Case not grounded)	100,000
100 mA @ 115 Vac, 60 Hz & 400 Hz	Resistive	100,000
0.2 A @ 28 Vdc	Inductive (0.32 Henry)	100,000
0.1 A @ 28 Vdc	Lamp	100,000
30 µA @ 50 mVdc	Low Level	1,000,000