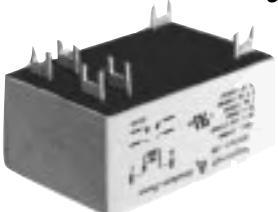
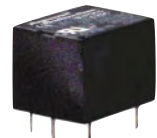
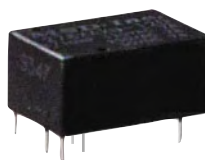







PRINTED CIRCUIT BOARD RELAYS

 <p>92</p>	 <p>7</p>	 <p>60</p>	 <p>A178</p>
<p>L W H 2.06 x 1.36 x 1.356</p>	<p>L W H 0.410 x 0.410 x 0.553</p>	<p>L W H 1.10 x 0.600/0.895 x 0.745</p>	<p>L W H 0.750 x 0.611 x 0.630</p>
<ul style="list-style-type: none"> EPOXY SEALED IMMERSION CLEANABLE WITH TAPE SEAL CLASS "F" INSULATION SYSTEM SEE SECTION 1 FOR FLANGE MOUNT STYLE WITH 1/4" & 3/16" QUICK CONNECT TERMINALS 	<ul style="list-style-type: none"> MICRO MINIATURE SIZE CONFORMS TO FCC PART 68.302, 1500V SURGERESISTANCE, FCC 68.3041000V DIELECTRIC STRENGTH EXCELLENT R.F. SWITCHING CHARACTERISTICS HIGH SHOCK & VIBRATION RESISTANCE PRINTED CIRCUIT BOARD MOUNTING ON 0.1 GRID PATTERN 94V-0 PLASTIC, EPOXY SEALED 	<ul style="list-style-type: none"> MINIATURE SIZE CONFORMS TO FCC PART 68.302, 1500V SURGE RESISTANCE, FCC 68.3041000V DIELECTRIC STRENGTH EXCELLENT R.F. SWITCHING CHARACTERISTICS HIGH SHOCK & VIBRATION RESISTANCE PRINTED CIRCUIT BOARD MOUNTING ON 0.1 GRID PATTERN 	<ul style="list-style-type: none"> MINIATURE EPOXY SEALED PRINTED CIRCUIT BOARD MOUNTING SWITCHES UP TO 15 AMP LOADS CLASS "B" OR "F" INSULATION SYSTEM IMMERSION CLEANABLE DISPLACES APPROXIMATELY 0.29 CUBIC INCH
<p>DPST-NO. & DPDT</p>	<p>SPDT & DPDT</p>	<p>SPDT & DPDT</p>	<p>SPST</p>
<p>SILVER CADMIUM OXIDE</p>	<p>GOLD CLAD SILVER</p>	<p>GOLD CLAD SILVER</p>	<p>SILVER ALLOY</p>
<p>DPDT-NO: 30A, 277 VAC. 20A, 28 VDC DPST-NO: 30A, 277 VAC. 20A, 28 VDC DPDT-NC: 3A, 277 VAC, 28 VDC</p>	<p>DPDT: 2 AMP, 24 VDC, 0.6AMP, 100 VAC SPDT: 2 AMP, 120 VAC, 50 uA, 50 mV MIN 2 AMP, 24 VDC</p>	<p>DPDT: 2 AMP, 24 VDC, 1 AMP, 100 VAC SPDT: 2 AMP, 120 VAC 50 uA, 50 mV MIN</p>	<p>12 AMP, 120 VAC, 30 VDC 10 AMP, 150 VAC</p>
<p>24, 120 & 240 VAC 12, 24, 48 & 110 VDC</p>	<p>5, 12, & 24 VDC</p>	<p>5, 12, & 24 VDC</p>	<p>3, 5, 12, 24 & 48 VDC</p>
<p>4 VA 1.7 WATTS</p>	<p>- 327 MILLIWATTS MAX</p>	<p>- 327 MILLIWATTS MAX</p>	<p>- 0.36 WATTS</p>
<p>DC: - 40°C TO +85°C AC: - 40°C TO +65°C - 55°C to +155°C</p>	<p>- 35°C TO +70°C</p>	<p>- 35°C TO +70°C</p>	<p>- 40°C TO +70°C - 40°C TO +80°C</p>
<p>4000 V rms</p>	<p>500 V rms</p>	<p>500 V rms</p>	<p>1500 V rms</p>
<p>5,000,000 OPERATIONS 100,000 OPERATIONS</p>	<p>100,000,000 OPERATIONS 100,000 OPERATIONS</p>	<p>100,000,000 OPERATIONS 100,000 OPERATIONS</p>	<p>100,000 OPERATIONS 10,000,000 OPERATIONS</p>
 UL Recognized File No. E43641	 UL Recognized File No. E52197	 UL Recognized File No. E52197	 UL Recognized File No. E195668

PRINTED CIRCUIT BOARD RELAYS

RELAY SERIES



49

ISO 9002
QS 9000



976

ISO 9002
QS 9000



276

FEATURES

L W H
1.25 x 0.759 x 1.14

- DUST COVERED
- DISPLACES APPROXIMATELY 1.1 CUBIC INCH
- VARIETY OF MOUNTING CONFIGURATIONS
- TV-5 RATINGS AVAILABLE

L W H
1.161 x 0.512 x 1.000

- EPOXY SEALED IMMERSION CLEANABLE
- MEETS 8 MILLIMETER SPACING COIL TO CONTACTS
- MEETS 4KV DIELECTRIC WITHSTANDING VOLTAGE

L W H
0.807 x 0.50 x 0.394

- SUBMINIATURE EPOXY SEALED IMMERSION CLEANABLE
- STANDARD 0.1 GRID PATTERN
- SINGLE SIDE STABLE DESIGN
- 5KV SURGE RESISTANCE COIL TO FRAME
- MEETS 4mm INTERNATIONAL SPACING COIL TO CONTACT

CONTACT DATA

CONTACT CONFIGURATION:

SPDT

SPDT & DPDT

SPST-NO. & SPDT

CONTACT MATERIAL:

SILVER CADMIUM OXIDE
SILVER, GOLD PLATED

SILVER CADMIUM OXIDE

SILVER ALLOY

MAX. CONTACT RATING:

3 AMP, 120 VAC, 28 VDC
(15 AMP, 150 VAC, 28 VDC)
5 AMP, 120 VAC, 28 VDC
10 AMP, 120/240 VAC, 28 VDC
(15 AMP, 150 VAC, 28 VDC)

SPDT:
20 AMP, 125 VAC, 30 VDC
10AMP, 48 VDC,
16 AMP, 250VAC, 30 VDC
DPDT:
5 AMP, 250 VAC, 30 VDC

SPST-NO:
10AMP, 250 VAC/30 VDC
SPDT:
7 AMP, 250 VAC/30 VDC

COIL DATA

STANDARD VOLTAGE

AC:
DC:

3, 5, 6, 12, 24 VDC

24, 120 & 240 VAC
5, 6, 12 & 24 VDC

5, 6, 12, & 24 VDC

NOMINAL COIL POWER
VA: (VAC)
WATTS: (VDC)
INSULATION SYSTEM PER
UL STANDARD 1446

400 MILLIWATTS

1.2 VA
0.54 WATTS

200 MILLIWATTS

GENERAL DATA

AMBIENT TEMPERATURE
OPERATING:

- 55°C TO +85°C

- 20°C TO +55°C

- 40°C TO +70°C

STORAGE:

- 55°C TO +130°C

- 40°C TO +80°C

DIELECTRIC STRENGTH:
(COIL TO FRAME)

1500 V rms

5000 V rms

2000 V rms

LIFE EXPECTANCY
ELECTRICAL:
MECHANICAL:

100,000 OPERATIONS
50,000,000 OPERATIONS

100,000 OPERATIONS
10,000,000 OPERATIONS

100,000 OPERATIONS
2,000,000 OPERATIONS

AGENCY APPROVALS



PAGE NUMBER

PAGE 17 - 18

PAGE 19 - 20

PAGE 21 - 22