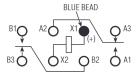
Double Pole, Electrically Held, 2 Amps and Less

HFW, HMB, HMS

HFW

Standard Half Size High Performance Relay Qualified to MIL-R-39016/6





Terminal View

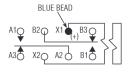
Product Facts

- Hermetically sealed
- Up to 2 amps switching
- High shock & vibration ratings
- Optional terminals & mounting styles
- **■** Excellent RF switching

HMB

Bifilar Half Size High Performance Relay Qualified to MIL-R-39016/22





Terminal View

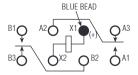
Product Facts

- **■** Hermetically sealed
- Up to 2 amps switching
- High shock & vibration ratings
- Optional terminals & mounting styles
- **■** Excellent RF switching

HMS

Sensitive Half Size High Performance Relay Qualified to MIL-R-39016/44





Terminal View

Product Facts

- Hermetically sealed
- Up to 2 amps switching
- High shock & vibration ratings
- Optional terminals & mounting styles
- **■** Excellent RF switching

Electrical Characteristics Contact Arrangement —

2 Form C (DPDT)

Contact Material —

Stationary —
Hardened silver alloy
Moveable —
Cold plated bardened silver all

Gold plated hardened silver alloy

Contact Resistance —

Before Life — 50 milliohms max. (measured at 10 mA @ 6 Vdc) After Life — 100 milliohms max. (measured @ 2 A @ 28 Vdc)

Mechanical Life Expectancy —

50 million operations

Coil Voltage -

5 to 48 Vdc (HFW) 6 to 26.5 Vdc (HMB) 5 to 36 Vdc (HMS)

Coil Power — 1.4 watts max. @ 25°C

Duty Cycle — Continuous

Pick-up Voltage — Approximately 50% of nominal coil voltage

Pick-up Sensitivity @ 25°C —

145 to 260 mW (HFW) 325 mW (HMB) 100 to 125 mW (HMS)

Contact Ratings

Contact Load	Туре	Operations Min.
2 A @ 28 Vdc	Resistive	100,000
0.75 A @ 28 Vdc	Inductive (200mH)	100,000
0.1 A @ 115 Vac, 60 Hz & 400 Hz	Resistive	100,000
0.3 A @ 115 Vac, 60 Hz & 400 Hz	Resistive	100,000
0.1 A @ 28 Vdc	Intermediate	50,000
0.160 A @ 28 Vdc	Lamp	100,000
30 μA @ 50 mVdc	Low Level	1,000,000

RF Performance

Frequency (MHz)	RF Losses (dB)	VSWR	Isolation (dB)
100	0.1	1.17:1	40
500	0.3	1.19:1	28
1000	0.4	1.19:1	23



HFW, HMB, HMS (Continued)

Operating Characteristics

Timing — Operate Time —

4.0 ms max. (HFW) 5.0 ms max. (HMB)

6.0 ms max. (HMS)

Release Time — 4.0 ms max. (HFW)

4.0 ms max. (HFW) 5.0 ms max. (HMB/HMS)

Contact Bounce — 2.0 ms max.

Dielectric Withstanding Voltage

— Between Open Contacts — 500 Vrms 60 Hz Between Adjacent Contacts — 1000 Vrms 60 Hz

Between Contacts & Coil — 1000 Vrms 60 Hz

Insulation Resistance —

Terminals

10,000 megohms min. @ 500 Vdc

Environmental Characteristics

Temperature Range — -65°C to +125°C

Weight — 0.46 oz. (13 gms max.)

Vibration Resistance — HFW/HMB/

HMS —

Standard — 20 G's, 10 to 2,000 Hz

HFW/HMB —

QPL --- 30 G's, 10 to 3,000 Hz

HMS —

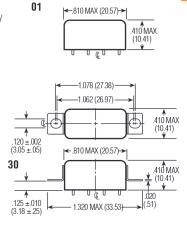
QPL — 20 G's, 10 to 2,500 Hz

Shock Resistance —

100 G's, 6 ±1 ms 50 G's, 11 ±1 ms (HMS)

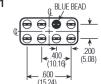
QPL Approval -

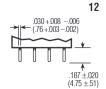
MIL-R-39016/6 (HFW) MIL-R-39016/22 (HMB) MIL-R-39016/44 (HMS)



.410 MAX









Mounting Styles

Standard Coil Data

	Nom. Coil Voltage (Vdc)	Coil Resistance in Ohms ±10% @ 25°C	Pickup Voltage Vdc (Max.) @ 25°C	Pickup Voltage Vdc (Min.) @ 125°C	Drop-out Voltage Vdc (Min.) @ 25°C	Drop-out Voltage Vdc (Min.) @ -65°C	Nom. Coil Power (mW) @ 25°C	Max. Coil Voltage	Coil Desig.
HFW	5.0	27	2.7	3.8	0.29	0.21	926	6.0	L
	6.0	40	3.2	4.5	0.35	0.25	900	7.5	F
	12.0	160	6.4	9.0	0.7	0.5	900	15.0	G
	26.5	700	13.5	18.0	1.5	1.0	1003	32.0	K
HMB	6.0	40	3.6	4.8	0.35	0.25	900	7.5	F
	12.0	160	7.2	9.6	0.7	0.5	900	15.0	G
	26.5	700	15.0	20.0	1.5	1.0	1003	32.0	K
HMS	5.0	47	2.2	3.2	0.21	0.12	532	7.0	S001
	6.0	75	2.75	4.0	0.27	0.17	480	9.0	S002
	12.0	310	5.6	8.0	0.55	0.35	465	20.0	S003
	26.5	1,030	11.4	16.5	1.1	0.7	682	35.0	S004
	30.0	1,620	14.3	21.0	1.4	0.9	556	44.0	S005
	36.0	2,640	18.0	26.0	1.8	1.1	491	56.0	S006
Other	6-8	60	3.5	4.85	0.35	0.22	817	9.0	А
(avail. for HFW	12-15	320	6.8	9.42	0.68	0.44	570	21.0	В
relays only)	18.0	520	9.5	13.16	0.95	0.62	623	27.0	J
	26.5-32	1,250	14.0	19.4	1.5	0.98	684	42.0	D
	40.0	2,700	21.3	29.5	2.1	1.37	593	61.0	Н
	48.0	3,500	25.5	35.3	2.5	1.63	658	70.0	E

Specifying a Part Number Example:	<u>Type</u>	<u>Terminals</u>	<u>Mountings</u>	<u>Coils</u>	<u>Features</u>
	HFW	12	30	K	00 (n/a HMS)

^{*} The part number example shown on this page is for catalog items. For a list of specific QPL part numbers, please see the index in Section 15.



Long-life Half size Industrial Relay Type 3SCV (2PDT)

Product Facts

- 100,000,000 operations at low-level
- Hermetic seal



The 3SCV is an exceptionally long life relay for low level applications which is designed for industrial applications such as business machines and computer peripheral equipment. The design is such that the phenomenon of sticking contacts is all but eliminated. Because of its low contact resistance and its ability to handle overloads the 3SCV relay is well suited for applications which have previously required reed devices.

Electrical Characteristics

Contacts — 2 Form C

Contact Resistance —

0.050 ohms; 0.100 ohms after life test

Life — 10⁵-2A 28 volts DC, 115 volts AC (not grounded, resistive)

Low-level — 100,000,000 operations — 50 µA at 50 mV Peak AC or DC

Sensitivity — 340 mW

Operating Characteristics

Operate Time — 6 ms max.

Release Time — 4 ms max.

Contact Bounce — 2 ms max.

Contact Bounce — 2 IIIs IIIax.

Enclosure — All welded, hermetically sealed

Terminals — Weldable and solderable

Dielectric Strength — 500 volts rms at sea level

Insulation Resistance — 1,000 megohm min.

Environmental Characteristics

Weight — 0.30 oz.

Vibration — 10G, 10-2000 Hz

Shock — 50 G 6ms, 1/2 sine

Temperature — -14°C to +125°C

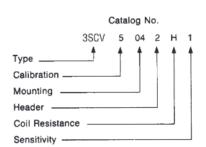
See page 1-39 for Mounting Forms, Terminals and Circuit Diagrams.

Coil Table (All Values DC)* 340 mW Sensitivity: (Code 1)

		Voltage Calibrated, CODE: 5						
Coil Code	Coil Resistance	Suggested	Maximum Operate		Voltage at 25C			
Letter	at 25C (ohms)	Source Volts†	Volts at 25C	Max	Min			
A B C D E	$47 \pm 10\%$ $75 \pm 10\%$ $120 \pm 10\%$ $180 \pm 10\%$ $310 \pm 10\%$	4.8-7 6.1-9 7.7-12 9.5-15 12.5-20	3.9 4.9 6.3 7.7 10.1	2.7 3.4 4.4 5.4 7.0	.43 .5 .69 .85 1.1			
F H K L	$440 \pm 10\%$ $700 \pm 10\%$ $1030 \pm 10\%$ $1620 \pm 10\%$ $2640 \pm 10\%$	15.0-23 20.0-30 24.0-35 30.0-44 39.0-56	12.0 15.5 18.5 23.1 29.5	8.4 10.9 12.9 16.2 20.68	1.3 1.7 2.0 2.5 3.2			

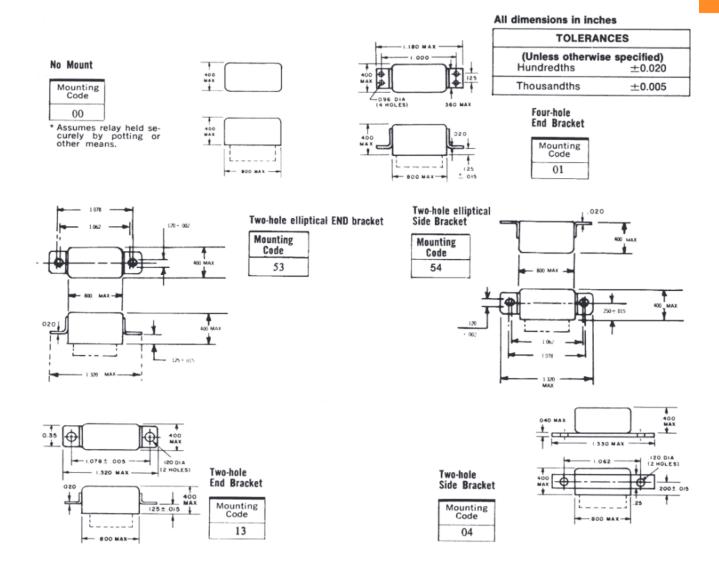
Ordering Instructions

Catalog-selected Relays: The catalog number is derived by choosing the proper CODE for each of the six relay characteristics in the order in which the codes are listed. **Example:** The relay selected in this example is a 2PDT half size relay, voltage calibrated, two-hole side bracket mounting, solder hook header, 700 ohms coil resistance, and 340 mW sensitivity. By choosing the proper code for each of these relay characteristics, the catalog number is identified as 3SCV5042H1. The letter R following sensitivity code indicates relay received 5000 operation misstest. Ex. 3SCV5042H1R.

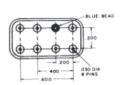


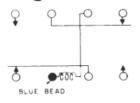


Mounting Forms (3SCV)



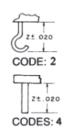
Header and Connection Diagrams





Header Types

Туре	Z Dim.	Header Code
Solder hook	0.16	2
Straight pin (socket or PCB type)	0.19	4





HFC Commercial/Industrial Half Size Relay





Terminal View

Product Facts

- Up to 2 amps switching
- **■** Economical configuration
- Optional terminals & mounting styles

Electrical Characteristics Contact Arrangement —

2 Form C (DPDT)

Contact Material -

Stationary

Bifurcated hardened silver alloy Moveable

Gold plated hardened alloy

Contact Resistance Before Life — 50 milliohms max. (measured at 10 mA @ 6 Vdc) After Life — 100 milliohms max. (measured @ 2 A @ 28 Vdc)

Mechanical Life Expectancy — 10 million operations

Coil Voltage — 5 to 26.5 Vdc

Coil Power — 1.4 watts max. @ 25°C

Duty Cycle — Continuous

Pick-up Voltage — Approximately 60% of nominal coil voltage

Pick-up Sensitivity — 360 mW

Operating Characteristics

Timing -

Operate Time — 6.0 ms max. Release Time — 6.0 ms max.

Dielectric Withstanding Voltage

Between Open Contacts -350 Vrms 60 Hz Between Adjacent Contacts -

500 Vrms 60 Hz

Between Contacts and Coil -500 Vrms 60 Hz

Insulation Resistance -1,000 megohms min @ 500 Vdc

Environmental Characteristics

Temperature Range — -55°C to +85°C

Weight — 0.46 oz. (13 gms) max.

Vibration Resistance -10 G's, 10 to 500 Hz

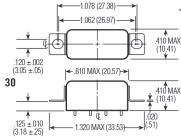
Shock Resistance — 30 G's, 6 ±1 ms

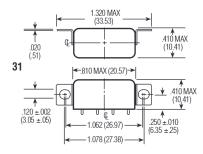
- **■** Hermetically sealed

Contact Ratings

Contact Load	Туре	Operations Min.
2 A @ 28 Vdc	Resistive	100,000
0.75 A @ 28 Vdc	Inductive (200 mH)	100,000
0.3 A @ 115 Vac, 60 Hz & 400 Hz	Resistive	100,000

.410 MAX (10.41) 01 -.810 MAX (20.57)→ .410 MAX (10.41)

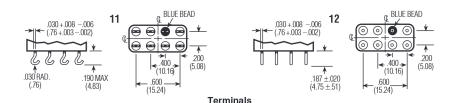




Mounting Styles

Standard Coil Data

Nom. Coil Voltage (Vdc)	age Hesistance Voltag lc) in Ohms Vdc (Ma ± 20% @ 25°C @ 25°C		Pickup Voltage Vdc (Max.) @ 85°C	Nom. Coil Power (W) @ 25°C	Max. Coil Voltage	Coil Desig.
5.0	27	3.0	3.7	.92	6.0	L
6.0	40	3.6	4.5	.90	7.5	F
12.0	160	7.2	8.9	.90	15.0	G
26.5	700	16.0	19.7	1.00	32.0	K



Ordering Instructions

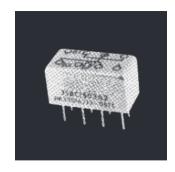
Catalog-selected Relays: The catalog number is derived by choosing the proper CODE for each of the six relay characteristics in the order in which the codes are listed.

Specifying a Part Number Example: Coils Type Terminals Mountings Features HFC 12 30 Κ 00

.150 Grid-space Relays Type 3SBC (2PDT) Standard 135 mW 2PDT 50 mW (Form AB) 1 PNC-1 PNO

Product Facts

- Low profile... only 0.32 inches high
- Internal diode for coil transient suppression and transistor driven models available
- Qualified to MIL-R-39016/13
- RF designs available



The .150 Grid-space relay — only 0.32 inches high — saves space in electronic packaging. The pin spacing allows you to insert the relay with no intermediate pin spreaders as well as meet applicable military specifications.

Electrical Characteristics Contact Ratings —

DC resistive — 2 amps at 28 volts (50,000 operations)

1 Amp @ 28 V (100,000 operations) DC inductive — 0.5 amps at 28 volts, 200 mH

AC resistive — 0.5 amps at 115 volts AC — 0.125 amps at 115 volts (case grounded)

Low-level — 50 μA at 50 mV Peak AC or DC

Contact Resistance —

0.050 ohms max.; 0.150 ohms after life test

Life — 100,000 operations at rated loads listed; 1,000,000 operations at low-level loads

Operating Characteristics

Operate Time — 4 ms max. **Release Time** — 4 ms max.

Contact Bounce — 1.5 ms

Dielectric Strength —

500 volts rms at sea level; 350 volts rms at 70,000 feet and above

Insulation Resistance — 1,000 megohm min. over temperature range

Environmental Characteristics

Vibration — 30G, to 3000 Hz

Shock — 100 G at 11 ms

Temperature — -65°C to +125°C

See page 1-44 for Mounting Forms, Terminals and Circuit Diagrams.

Coil Table Type 3SBC (All Values DC)*2PDT, 135 mW Sensitivity: (Code 1)

			Calibrated	Current Calibrated, Code 6							
Coil Resistance		Suggested	Max. Operate	Release Voltage Range @ 25C				Max. Continuous	Max. Operate		Current 25C (mA)
Code @ 25C Letter (ohms)	Source Volts†	Volts @ 25C	Max.	Min.	Current @ 125C (mA)	Current @ 25C (mA)	Max.	Min.			
A B	44 ± 10% 56 ± 10%	3.5-6.2 4.0-7.0	2.4 2.7	1.45 1.6	0.26 0.3	87.0 77.0	54.5 48.3	32.7 28.6	6.00 5.30		
D	140 ± 10%	6.4-12.0	4.4	2.6	0.5	50.3	31.4	18.5	3.60		
E	210 ± 10%	8.0-16.0	5.4	3.2	0.6	40.0	25.7	15.4	2.80		
K	650 ± 10% 1350 ± 10%	13.6-24.0 20.0-35.0	9.5 13.5	5.6 8.1	1.0 1.5	22.9 15.5	14.3 10.0	8.6 6.0	1.54 1.10		
N	2245 ± 10%	26.0-46.0	17.1	10.5	1.9	12.0	7.6	4.7	0.84		

Coil-Data (All Values DC)* Type 3SBC Form AB 50 mW Sensitivity non mil spec: (Code 2)

			Voltage Calibrated, Code 5					Current Calibrated, Code 6		
Coil	Coil Resistance	Suggested	Max. Range		Voltage @ 25C	Max. Continuous	Max. Operate	Release Current Range @ 25C (mA)		
Code @ 25C Letter (ohms)	Source Volts†	Volts @ 25C	Max.	Min.	Current @ 125C (mA)	Current @ 25C (mA)	Max.	Min.		
B	56 ± 10% 85 ± 10%	2.6-7.0 3.3-9.5	1.8 2.3	1.1 1.4	0.16 0.20	46.5 38.7	29.1 24.2	18.2 15.1	3.30 2.70	
D	140 ± 10%	4.3-12.0	2.9	1.8	0.27	30.4	19.0	11.9	2.10	
E	210 ± 10%	5.3-14.0	3.6	2.2	0.33	24.8	15.5	9.7	1.75	
F	360 ± 10%	6.7-19.0	4.5	2.8	0.41	18.9	11.8	7.2	1.30	
G	510 ± 10%	8.2-23.0	5.6	3.5	0.51	15.8	9.9	6.2	1.10	
, н	775 ± 10%	10.0-26.0	6.8	4.2	0.62	12.8	8.0	5.0	0.90	
K	1350 ± 10%	13.2-35.0	9.0	5.6	0.82	9.8	6.1	3.8	0.68	
N	2245 ± 10%	16.8-46.0	11.4	7.1	1.00	7.4	4.6	2.9	0.52	

^{*}Values listed are factory test and inspection data. User should allow for meter variations.

†At nominal resistance plus 10%.

‡Applicable over the operating temperature range in circulating air.

See Page 1-42 for ordering instructions.

^{*} The part number example shown on this page is for catalog items. For a list of specific QPL part numbers, please see the index in Section 15.



.150 Grid-space Hybrid Relays Single Diode, Dual Diode Type 3SBC (2PDT) 135 mW

Product Facts

- Low profile... only 0.32 inches high
- 50 milliwatt forms available
- Qualified to MIL-R-39016/37
- Qualified to MIL-R-39016/38
- RF designs available



The hybrid .150 Grid-space relay — only 0.32 inches high — saves space in electronic packaging. The pin spacing allows you to insert the relay with no intermediate pin spreader.

Electrical Characteristics

Contact Ratings —

DC resistive — 2 amps at 28 volts (50,000 operations)

1 Amp @ 28 V (100,000 operations) DC inductive — 0.5 amps at 28 volts, 200 mH

AC resistive — 0.5 amps at 115 volts AC — 0.125 amps at 115 volts (case grounded)

Low-level — 50 µA at 50 mV Peak AC or DC

Contact Resistance —

0.050 ohms max.; 0.150 ohms after life test

Life — 100,000 operations at rated loads listed; 1,000,000 operations at low-level loads

Operating Characteristics

Operate Time — 4 ms max.

Release Time — 6 ms max.

Contact Bounce — 1.5 ms

Dielectric Strength (Note 1) -

500 volts rms at sea level;

350 volts rms at 70,000 feet and above

Insulation Resistance (Note 1) — 1,000 megohm min. over temperature

Environmental Characteristics

Vibration — 30G, to 3000 Hz

Shock — 100 G at 11 ms

Temperature — -65°C to +125°C

Semiconductor Characteristics at 25°C

Diode -

Max. Negative Transient — 1.0 volt Breakdown Voltage — 100 VDC @ 10 μA Max. Leakage Current — 1 μA @ 50 VDC

See page 1-44 for Mounting Forms, Terminals and Circuit Diagrams.

Coil Table Single Diode (All Values DC)*(2DPT), 135 mW Sensitivity: (Code 5)

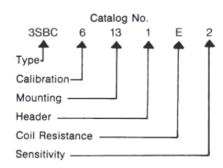
		V	oltage Calibrat	ed, Code 5		Current Calibrated, Code 6			
Coil Resistance		Resistance Suggested C				Max. Contin- uous Current	Max. Operate	Release Current Range @ 25C (mA	
Letter (a 25C (ohms)	Volts†	@ 25C	Max.	Min.	@ 125C (mA)	25C (mA)	Max.	Min.	
Α	44 ± 10%	3.5- 6.2	2.4	1.45	0.26	87.0	54.5	32.7	6.00
B	56 ± 10%	4.0- 7.0	2.7	1.6	0.3	77.0	48.3	28.6	5.30
D	140 ± 10%	6.4-12.0	4.4	2.6	0.5	50.3	31.4	18.5	3.60
E	210 ± 10%	8.0-16.0	5.4	3.2	0.6	40.0	25.7	15.4	2.80
L	650 ± 10%	13.6-24.0	9.5	5.6	1.0	22.9	14.3	8.6	1.54
K	1350 ± 10%	20.0-35.0	13.5	8.1	1.5	15.5	10.0	6.0	1.10
N	2245 ± 10%	26.0-46.0	17.1	10.5	1.9	12.0	7.6	4.7	0.84

Coil Table Dual Diode (All Values DC)*(2DPT), 135 mW Sensitivity: (Code 6)

Ordering Instructions

Example: The relay selected in the example is a FORM AB .150-grid relay, current calibrated, end bracket mounting with 0.13-inch solder hook header, 210 ohms coil resistance, and 50 mW sensitivity. By choosing the proper code for each of these relay characteristics, the catalog number is 3SBC6131E2. The letter R following sensitivity code indicates relay received 5000 operation miss-test. Ex. 3SBC6131E2R.

Note: Relays specified by catalog numbers (per above directions) are general use items controlled by catalog specifications. Relays to be controlled by customer drawings — or relays having requirements not covered in this publication — will be assigned special catalog numbers upon request.



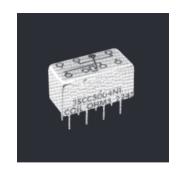
^{*} The part number example shown on this page is for catalog items. For a list of specific QPL part numbers, please see the index in Section 15.



.150 Grid-space Long-life Relays Type 3SCC (2PDT) 170 mW

Product Facts

- 100,000,000 operations low-level signal loads
- RF designs available
- Low profile 0.32 height
- **■** Hermetic seal
- High reliability
- Performance tested



The .150 Grid relay, the smallest (.320 inches high) 2 Amp rated relay available in commercial and military qualified models, is now available in the long life version. Capable of over 100,000,000 mechanical operations at low level and signal load, the .150 Grid relay provides the simplicity of relays for circuit design, the low circuit resistance of precious metal contact systems, and the long life processing that has made CII relays the standard for quality and reliability.

Electrical Characteristics

Contact Ratings —

DC resistive — 2 amps at 28 volts (50,000 operations)

1 Amp @ 28 V (100,000 operations) DC inductive — 0.5 amps at 28 volts, 200 mH

AC resistive — 0.5 amps at 115 volts AC — 0.125 amps at 115 volts (case grounded)

Low-level — 50 µA at 50 mV Peak AC or DC

Contact Resistance —

0.050 ohms max.; 0.150 ohms after life test

Life — 100,000 operations at rated loads listed; 1,000,000 operations at low-level loads

Operating Characteristics

Operate Time — 4 ms max. Release Time — 4 ms max.

Contact Rounce — 4 ms max

Dielectric Strength -

500 volts rms at sea level; 350 volts rms at 70,000 feet and above

Insulation Resistance — 1,000 megohm min. over temperature range

Environmental Characteristics

Vibration — 30G, to 3000 Hz

Shock — 100 G at 11 ms

Temperature — -40°C to +125°C

See page 1-44 for Mounting Forms, Terminals and Circuit Diagrams.

Coil Table Type 3SCC (All Values DC)* 2 PDT Relay — 170mW Sensitivity: (Code 1)

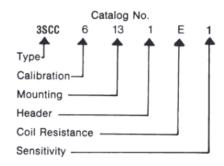
	Coil Resistance @ 25C (ohms)	Voltage Calibrated, Code 5				Current Calibrated, Code 6			
Coil Code Letter		Suggested Source Volts†	Max. Operate Volts @25C	Release Voltage Range @ 25C		Max. Contin- uous Current	Max. Operate Current @	Rélease Current Range @ 25C (mA)	
				Max.	Min.	@ 125C (mA)	25C (mA)	Max.	Min.
А	44 ± 10%	3.5- 6.2	2.7	1.45	0.26	87.0	61.4	32.7	6.00
В	56 ± 10%	4.0- 7.0	3.1	1.6	0.3	77.0	55.4	28.6	5.30
D	$140 \pm 10\%$	6.4-12.0	4.9	2.6	0.5	50.3	35.0	18.5	3.60
E	$210\pm10\%$	8.0-16.0	5.9	3.2	0.6	40.0	28.0	15.4	2.80
L	$650 \pm 10\%$	13.6-24.0	10.5	5.6	1.0	22.9	16.2	8.6	1.54
К	$1350 \pm 10\%$	20.0-35.0	15.1	8.1	1.5	15.5	11.2	6.0	1.10
N	2245 ± 10%	26.0-46.0	19.5	10.5	1.9	12.0	8.7	4.7	0.84

^{*}Values listed are factory test and inspection data. User should allow for meter variations. †Applicable over the operating temperature range in circulating air.

Ordering Instructions

Example: The relay selected in the example is a 2PDT .150-grid relay, current calibrated, end bracket mounting with 0.13-inch solder hook header, 210 ohms coil resistance, and 175 mW sensitivity. By choosing the proper code for each of these relay characteristics, the catalog number is 3SCC6131E1. The letter R following sensitivity code indicates relay received 5000 operation miss-test. Ex. 3SCC6131E1R.

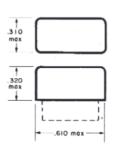
Note: Relays specified by catalog numbers (per above directions) are general use items controlled by catalog specifications. Relays to be controlled by customer drawings — or relays having requirements not covered in this publication — will be assigned special catalog numbers upon request.

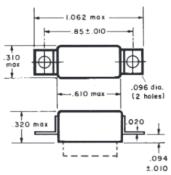


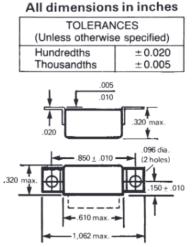


Mounting Forms (3SBC, 3SCC)

(Vibration note with each form is acceleration from 55 to 3000 Hz)







No Mount

Mounting Code	Vibration
00	30g

^{*}Assumes relay held securely by potting or other means

End Bracket

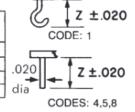
Mounting Code	Vibration
13	30g

Side Bracket

Mounting Code	Vibration
25	30g

Header and Connection Diagrams

Header Types Z **HEADER** CODE TYPE DIMENSION Solder hook 0.13 Straight pin 0.12 8 0.19 Straight pin 4 Straight pin 0.25 5



.020 dia

