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**Coil Table Single Diode (All Values DC)\***

Coil Code Letter	Dual Coil, Sensitivity Code 5 (180 mW)				
	Coil Resistance @ 25°C (ohms) ± 10%	MAX. SET—RESET VALUES		Suggested Source Voltst	
	Calibration Code 5 Voltage (Volts)	Calibration Code 6 Current (mA)			
H	10	1.4	135	2.0- 3.7	
N	37	2.6	70	3.8- 7.2	
R	145	5.2	35	7.6-14.5	
T	450	9.0	20	14-25	
V	975	13.5	3.5	20-35	
W	2140	20.0	9.2	30-54	

**Coil Table Dual Diode (All Values DC)\***

Coil Code Letter	Dual Coil, Sensitivity Code 6 (180 mW)				
	Coil Resistance @ 25°C (ohms) ± 10%**	MAX. SET—RESET VALUES		Suggested Source Voltst	
	Calibration Code 5 Voltage (Volts)	Calibration Code 6 Current (mA)			
H	10	2.4	135	2.6- 4.1	
N	37	3.6	70	3.8- 7.2	
R	145	6.2	35	7.6-14.5	
T	450	10.0	20	14.0-25.0	
V	975	14.5	13.5	20.0-35.0	
W	2140	21.0	9.2	30.0-45.0	

\*Values listed are factory test and inspection values. User should allow for meter variations.

†Applicable over the operating temperature range in circulating air.

\*\*Coil resistance cannot be measured by conventional bridge.

**Coil Table (All Values DC)\***

Coil Code Letter	SINGLE COIL, SENSITIVITY 1, (100 mW)				
	Coil Resistance @ 25°C (Ohms) ± 10%	Maximum Set-Reset Values		Suggested Source Voltst	
		Calibration Code 5 Voltage (Volts)	Calibration Code 6 Current (mA)		
N	57	2.4	42	3.6- 8.5	
R	256	5.1	20	7.6-18	
T	830	9.1	11	14-32	
V	1700	13.0	7.7	20-46	
W	3250	18.0	5.5	28-63	

Coil Code Letter	DUAL COIL, SENSITIVITY CODE 2, (180 mW)				
	Coil Resistance @ 25°C (Ohms) ± 10%	Maximum Set-Reset Values		Suggested Source Voltst	
		Calibration Code 5 Voltage (Volts)	Calibration Code 6 Current (mA)		
H	10	1.4	135	2.0- 3.7	
N	37	2.6	70	3.8- 7.2	
R	145	5.2	35	7.6-14.5	
T	450	9.0	20	14-25	
V	975	13.5	13.5	20-35	
W	2140	20.0	9.2	30-54	

\*Values listed are factory test and inspection values. User should allow for meter variations.

†Applicable over the operating temperature range in circulating air.

**.150 Grid-space Hybrid Magnetic Latching Relays****Single Diode, Dual Diode****Type 3SBM (4PDT)****Product Facts**

- Low profile... only 0.32 inches high
- Suitable for pulse operation
- Qualified to MIL-R-39016/35
- Qualified to MIL-R-39016/36

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DIMENSIONS:  
INCHESDWN 20NOV2019  
RVCHK 20NOV2019  
RVAPVD 20NOV2019  
MBPRODUCT SPEC  
—APPLICATION SPEC  
—

MATERIAL

FINISH

WEIGHT

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CUSTOMER DRAWING

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NAME

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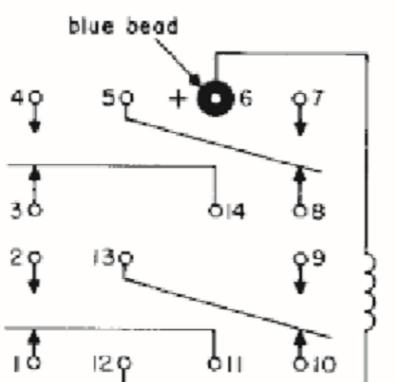
## Header and Connection Diagrams

### Dual Coil

When the SET coil is pulsed with plus polarity on the blue bead, the movable contacts take the position shown in the connection diagram. The contacts are transferred when the RESET coil is pulsed with plus polarity on the reset terminal. A new pulse of the SET coil with plus polarity on the blue bead will transfer the contacts back.

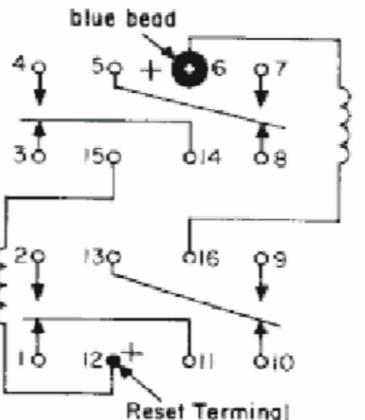
The contacts can also be transferred by applying a pulse of opposite polarity to the coil previously pulsed. However, this method requires slightly more power than the more normal form of operation described in the previous paragraph.

#### CODE 1



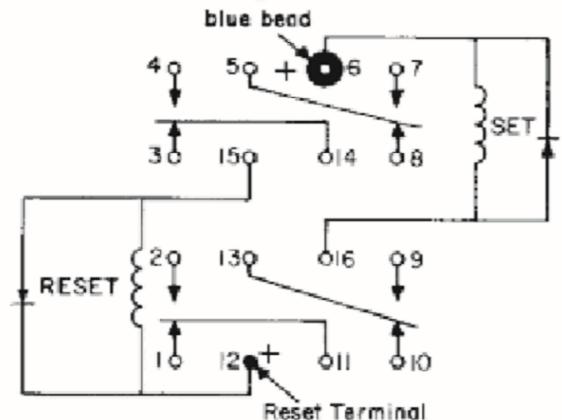
(Terminal numbers for reference only)

#### CODE 2

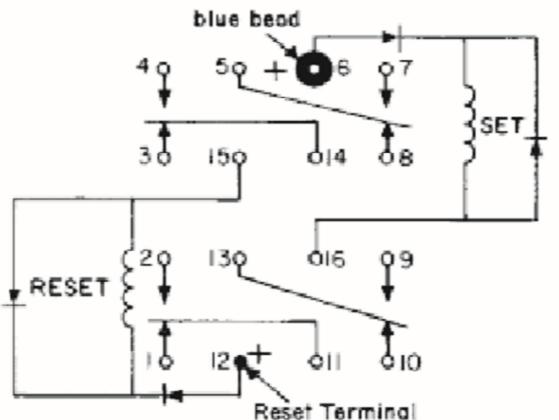


Reset Terminal

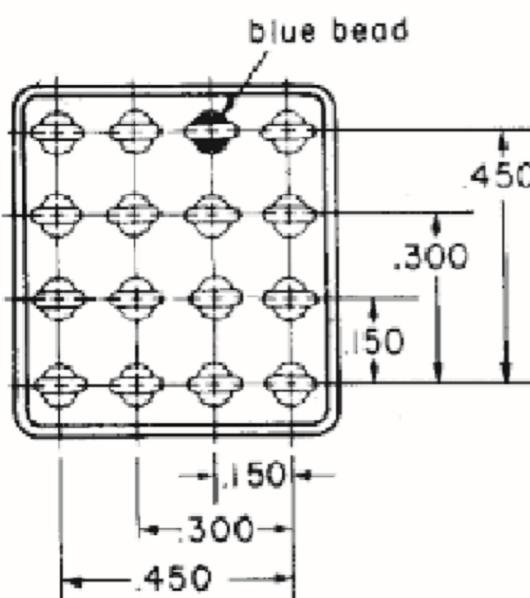
#### CODE 5 Single Diode



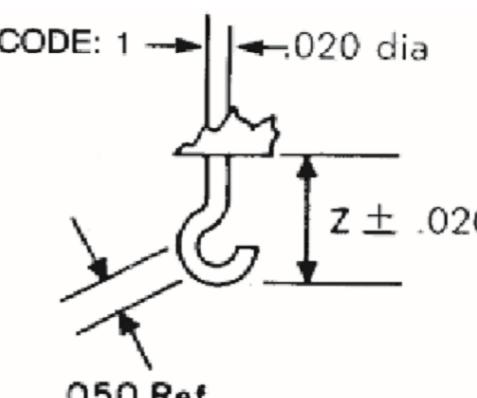
#### CODE 6 Dual Diode



Terminal numbers for reference only



REVISIONS		
P	LTR	DESCRIPTION
-	SEE SHEET 1	-

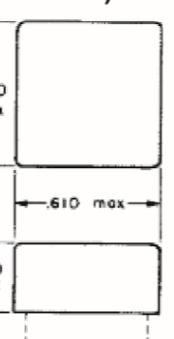


### Header Types

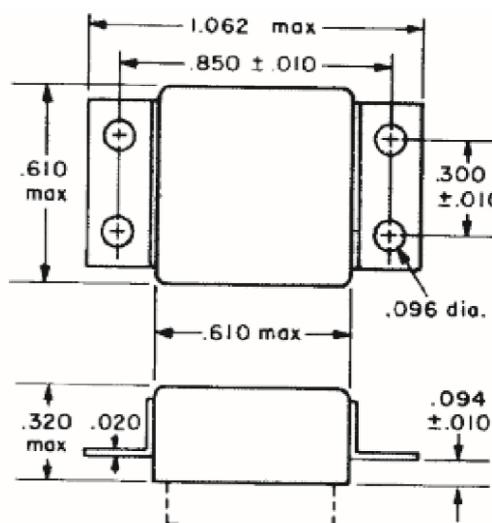
Type	Z Dimension	Header Code
Solder Hook	0.13	1

### Mounting Forms (3SBM)

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



ALL DIMENSIONS IN INCHES	
TOLERANCES Unless otherwise specified:	
Hundredths	±0.020
Thousands	±0.005



### No Mount

Mounting Code	Vibration*
00	30g

\*Assumes relay held securely by potting or other means.

Mounting Code	Vibration
13	30g

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DIMENSIONS:  
INCHES

0 PLC	± -
1 PLC	± -
2 PLC	± -
3 PLC	± -
4 PLC ANGLES	± -

MATERIAL

FINISH

DWN  
RV  
CHK  
RVAPVD  
MB

PRODUCT SPEC

—

APPLICATION SPEC

—

WEIGHT

—

CUSTOMER DRAWING

TE Connectivity

3SBM-SERIES

—

—

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

—

C-3SBM-SERIES

—

NTS

SHEET

3 OF 3

REV

A