



FULL SIZE CRYSTAL CAN RELAY 3 AMPERE DPDT

Series
2B-6660

Product Description

This standard size crystal can hermetically sealed relay series, offers switching capability of low level signals up to 3 amperes under the most extreme environmental conditions, manufactured and qualified to the referenced CECC specifications.

The following construction features ensure the highest reliability in extreme environments:

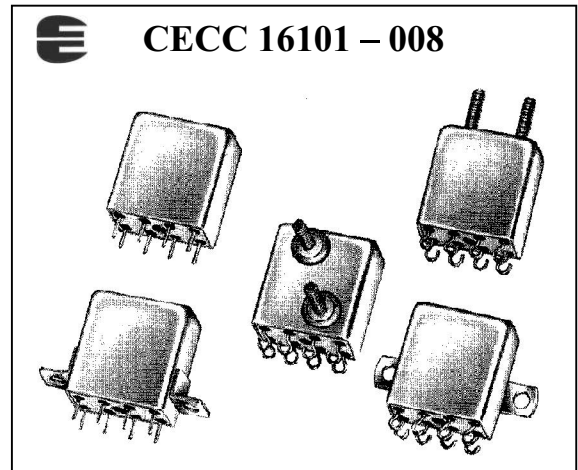
- All welded relay construction
- Cleaning and sealing techniques ensures maximum internal cleanliness
- Low level to 3 amperes switching
- 2 form C, DPDT contacts, special metal alloy with gold plating

Series Type

- 2B-6660 2 form C, DPDT

Environmental and Physical Specifications

Temperature (Ambient)	- 65°C to + 125°C
Shock	50 g, 11 ms., half sine wave
Vibration (sinusoidal)	20 g, 10 to 2000 Hz, 1,5 amplitude peak
Bump	40 g, 6 ms.
Sealing	All welded, Hermetic
Weight	0,70 oz. (20,0 grams) max.
Finish	Bright tin lead plated terminals and case



Electrical Characteristics (over the Temperature range. Unless otherwise noted)

Coil Data	See Typical Characteristics chart		
Contact Rating	Type Load	Contact Load	Cycles min.
(Note: All ratings with grounded case)	Low Level	10 mA / 30 mV	1.000.000
	Resistive	3 A / 28 Vdc	100.000
	Overload	6 A / 28 Vdc	100
	Inductive	0,75 A / 28 Vdc (200 mH)	100.000
Contact Resistance	0,05 Ω max. initial, 0,2 Ω max. after life		
Operate Time	6,5 ms. max. at 25°C		
Release Time	3,0 ms. max. at 25°C		
Contact Bounce	3,0 ms. max. at 25°C		
Dielectric Strength	1.000 Vrms min., 60 Hz, all points, at sea level		
Insulation Resistance	1.000 MΩ min. all points at 500 Vdc		
Intercontact Capacitance	2,5 pF typical		
Sensitivity	250 mW at pick-up, 1,2 W max., at nominal rated coil voltage, at 25 °C		

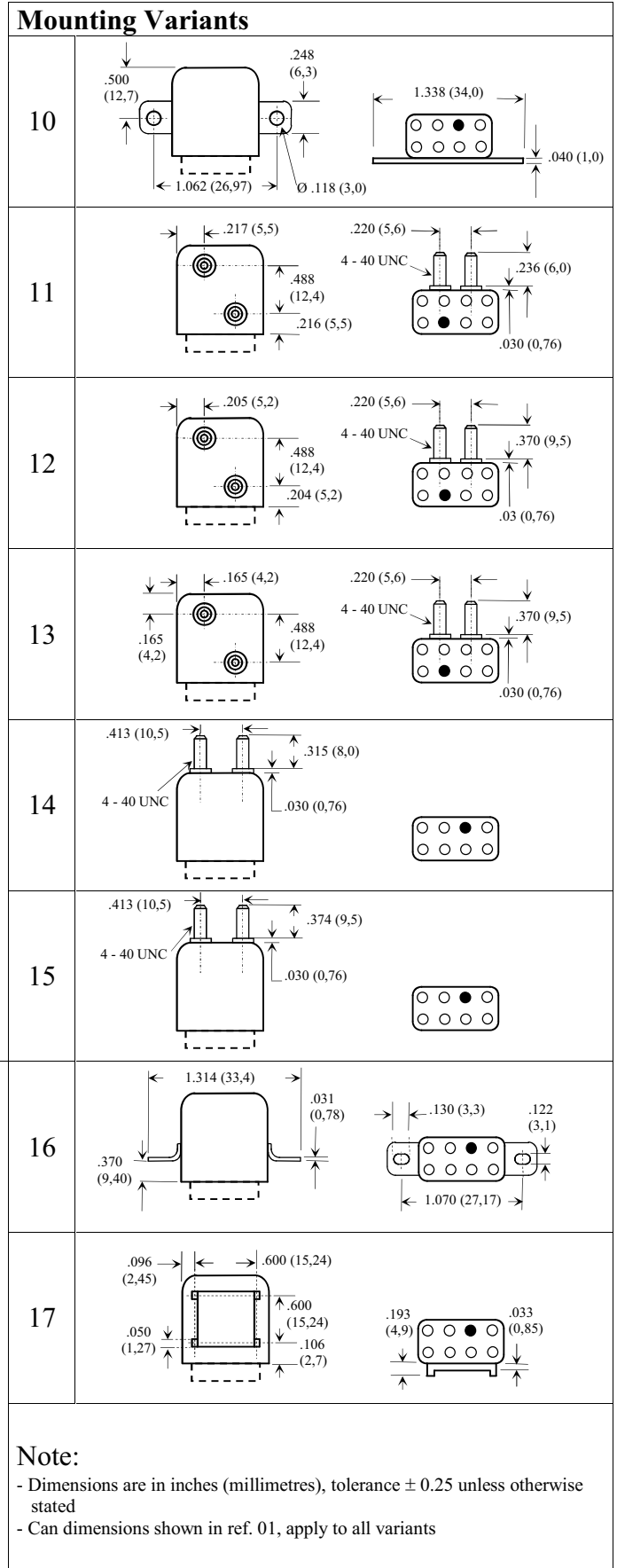
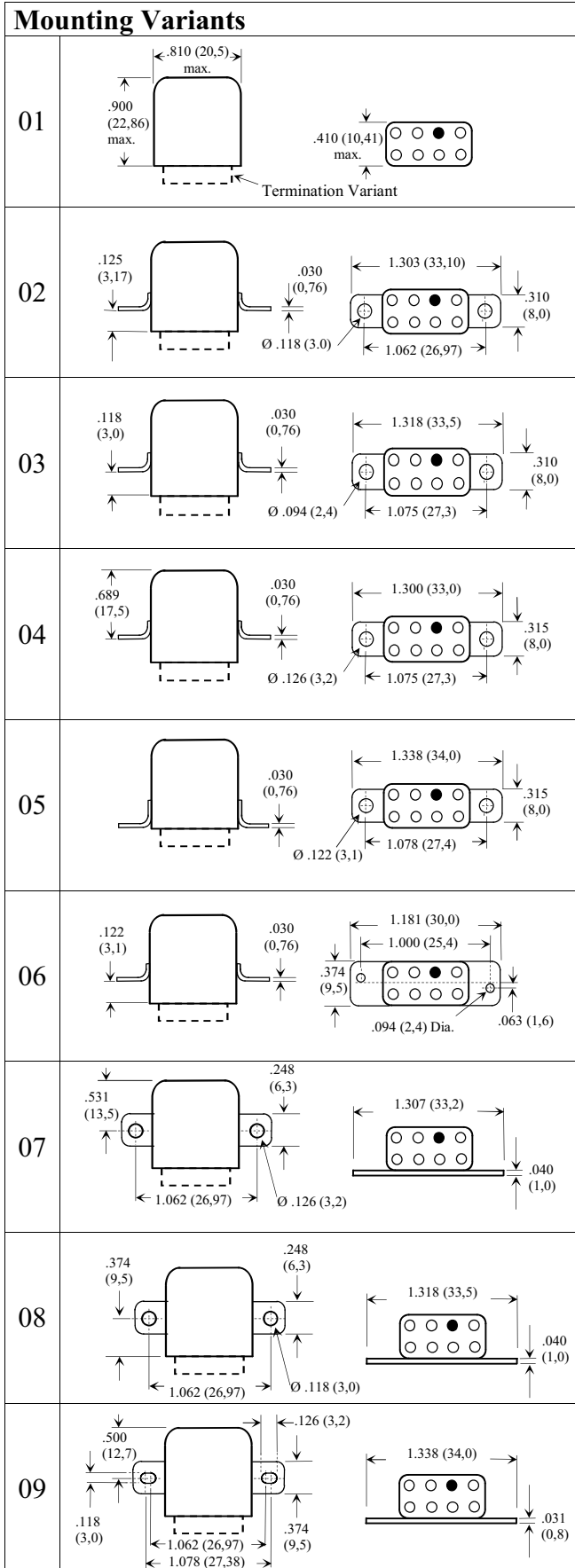
Typical Characteristics

Coil Variant Code	Coil Voltage Vdc		Coil resistance Ω ± 10% at 25°C	Operate Voltage V dc Max. at		Release Voltage Vdc			
	Rated	Max.		25°C	125°C	Non-release at		Must-release at	
						25°C	125°C	25°C	-65°C
01	6,0	7,0	30	-	5,0	-	2,5	-	0,4
02		7,2	35	3,6	-	-	-	0,30	-
03		7,2	40	3,1	-	-	-	0,50	-
04		7,3	44	-	4,2	-	-	-	0,14
05	12,0	14,0	145	-	10,0	-	5,0	-	0,8
06		14,4	160	6,3	-	-	-	0,75	-
07		14,7	194	-	8,9	-	-	-	0,32
08		14,4	200	7,2	-	-	-	0,60	-
09	24,0	32,0	675	14,4	-	-	-	1,2	-
10	26,5	32,0	675	-	18,0	-	14,0	-	1,5
11		32,0	675	13,0	-	-	-	1,5	-
12		30,0	700	-	22,0	-	12,0	-	1,5
13	48,0	55,0	2300	-	40,0	-	20,0	-	2,9
14		57,6	2450	28,3	-	-	-	2,4	-
15		58,0	2500	25,0	-	-	-	2,5	-
16	76,0	90,0	5000	35,0	-	-	-	3,0	-



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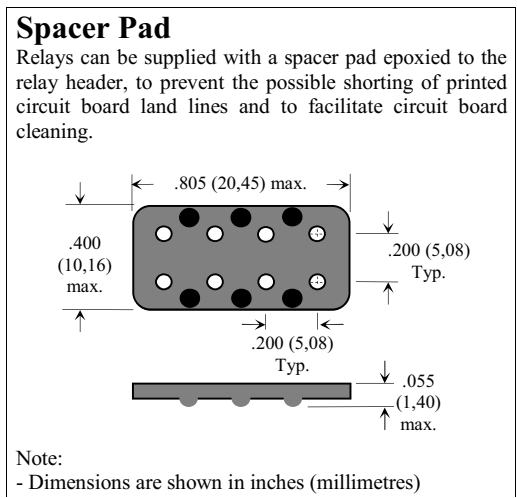
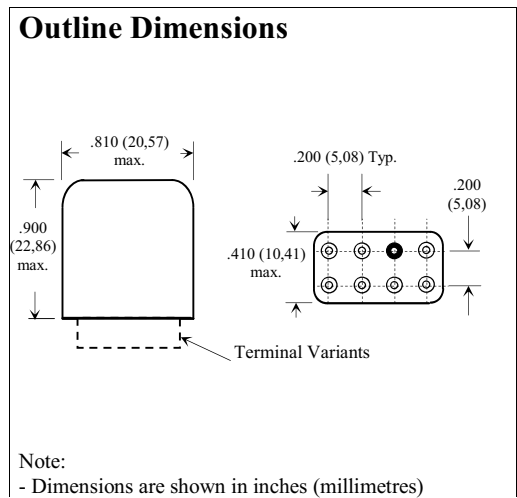
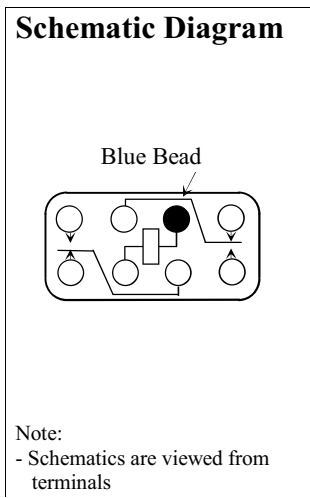




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Terminal Variants					
01	02	03	04	05	06
<p>Note:</p> <ul style="list-style-type: none"> - Dimensions are shown in inches (millimetres) - Terminal diameter is $.030 (0,76) + .003 (0,07) - .002 (0,05)$ 					



How to Order

CECC Specification No.	CECC 16101	- 008	- 16	- 09	- 01	P	Spacer Pad (optional)
Type Code (CECC registration No.)							Terminal Variant
Coil Variant Code							Mounting Variant