

## Features

- Broad range of coil options provide sensitivity ranging from 25 to 750mW.
- Various contacts switch from dry circuit to 7.5 amps.
- Many mounting and termination options.

#### Contact Data @ 25°C

**Arrangements:** 1 Form C (SPDT) through 8 Form C (8PDT) See Ordering Information tables for more details regarding availability.

#### Contact Materials, Styles & Ratings @ +25°C

Contact	Contact Contact Co		Coil Codes	Conta	ct Ratir	ngs
Code	Material	Style	Available	Min.	Тур.	Max.
W	Silver-Cadmium Oxide	Single Button	V, Q, S, J	500mA	-	7.5A‡
Х	Silver-Cadmium Oxide	Single Button	V, Q, S, J	500mA	-	5A§
Y	Fine Silver	Single Button	All	100mA	2A	ЗA
Z	Fine Silver	Bifurcated	All	1mA	100mA	2A
Р	Gold overlay on Silver	Bifurcated Crossbar	All	Dry Circuit	1mA	ЗA

Ratings are at 28VDC or 155VAC unless otherwise specified. Total load must not exceed 30A per relay.

 Use ungrounded frame for AC loads of 5A or greater. Max.ratings are 7.5A at 115VAC and 4A at 28VDC for coil codes S and J.
Use ungrounded frame for AC loads of 5A or greater. Max.ratings are 5A at 115VAC and 3A

§ Use ungrounded frame for AC loads of 5A or greater. Max.ratings are 5A at 115VAC and 3A at 28VDC for coil codes S and J.

#### UL Horsepower Contact Ratings (Coil Code V Only)

Contact Code	No. of Poles	At 110-120VAC	At 220-240VAC
W	1, 2, 4	1/8 HP (3.8A)	1/6 HP (2.2A)
Х	1, 2, 4, 6	1/20 HP (1.5A)	1/10 HP (1.5A)

Expected Mechanical Life: 100 million operations, typical. (Except contact Code W: 1,000,000 operations, typical.)

#### Typical Expected Life For Resistive Loads @ 25°C

Туре	Current	Voltage	Contact Style	Coil Code	Operations††
R10	7.5A	120VAC, 60 Hz.	W	V,S,J	7.5 · 10 <sup>4</sup>
R10	7.5A	28VDC	W	V	7.5 · 10 <sup>4</sup>
R10	5.0A	120VAC, 60 Hz.	X	V,S,J	5 · 10 <sup>4</sup>
R10	5.0A	28VDC	X	V	5 · 10 <sup>4</sup>
R10	4.0A	28VDC	W	S,J	2 · 10 <sup>4</sup>
R10	3.0A	28VDC	X	S,J	2 · 10 <sup>4</sup>
R10	3.0A	28VDC or 120VAC	Р	V,S,J	3 · 10 <sup>4</sup>
R10	2.0A	28VDC	P,Y,Z	V	1.5 · 10 <sup>6</sup>
R10	2.0A	28VDC	P,Y,Z	S,J	6 · 10 <sup>5</sup>
R10S	2.0A	28VDC	P,Y,Z	J	5 · 10 <sup>5</sup>
R10	1.0A	28VDC	P,Y,Z	V,S,J	12 · 10 <sup>6</sup>
R10	1.0A	28VDC	P,Y,Z	SS,JJ	5 · 10 <sup>5</sup>
R10S	1.0A	28VDC	P,Y,Z	J	1 · 10 <sup>6</sup>
R10	500mA	28VDC	P,Y,Z	SS,JJ	5 · 10 <sup>6</sup>
R10	100mA	28VDC or 120VAC	P,Y,Z	V,S,J	1 · 10 <sup>8</sup>
R10	100mA	48VDC	P,Z	SS,JJ	5 · 10 <sup>6</sup>
R10	100mA	6VDC	P	SS,JJ	5 · 10 <sup>7</sup>
R10S	100mA	28VDC or 120VAC	P,Y,Z	J	1 · 10 <sup>6</sup>
R10	50mA	6VDC	P,Z	V,S,J	5 · 10 <sup>7</sup>
R10S	30mA	6VDC	P,Z	J	5 · 10 <sup>6</sup>
R10	1mA	6VDC	Р	SS,JJ	5 · 10 <sup>7</sup>

†† Relay operated at rated coil voltage or 133% of pick-up current or higher.

## **Initial Dielectric Strength**

Between Open Contacts: 500V rms, for contact codes P and Z. 1,000V rms for contact codes W, X and Y with coil code V.

Between All Other Conductors: 1,000V rms.

Dimensions are shown for reference purposes only.

Dimensions are in inches over (millimeters) unless otherwise specified.

# R10 series

## General Purpose Dry Circuit to 7.5 Amp Multicontact AC or DC Relay

- R10-E Clear Dust Cover Version
- R10-R Sealed, Immersion Cleanable Type
- R10S Super Sensitive, Logic Compatible

**File E29244** 

(File LR15734

Users should thoroughly review the technical data before selecting a product part number. It is recommended that user also seek out the pertinent approvals files of the agencies/laboratories and review them to ensure the product meets the requirements for a given application.

## Capacitance

Between Contacts: 2 pf, typ. Between Contacts and Coil: 2 pf, typ. Between Coil and Frame: 30 pf, typ.

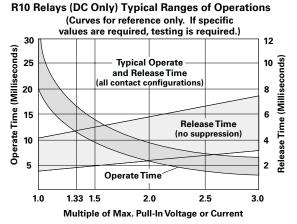
#### **Initial Insulation Resistance**

Between Mutually Insulated Elements: 10<sup>10</sup> ohms @ 25°C, 50% RH. Consult factory for optional acetal resin material rated 10<sup>12</sup> ohms.

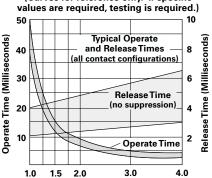
#### Coil Data @ 25°C (also see Coil Data tables)

Voltage: 3 to 115VDC and 6 to 115VAC. Maximum Coil Power: 2.2 Watts. Coil Temperature Rise: 30°C per Watt. Maximum Coil Temperature: 105°C.

#### Operate Data @ 25°C



R10 Ultra-Sensitive "SS" and "JJ" Typical Ranges of Operation (Curves for reference only. If specific



Multiple of Max. Pull-In Voltage or Current

#### **Environmental Data**

Storage Temperature Range: -55°C to +105°C. Operating Temperature Range: -55°C to +75°C.

#### **Mechanical Data**

Terminal Finish: Tin plating standard. Weight: 0.8 to 1.4 oz. (23 to 40g) approximately.

Specifications and availability subject to change.

## Coil Data Tables @ 25°C

One of the **boldface** resistance or voltage values from a table below is to be inserted in step 6 of the ordering chart on the next page.

V	V Standard DC Voltage Adjustment							
2.:	2 Watts Maxim	um Continuous Co	il Dissipation @	25°C				
VDC a	Coil Resistance       VDC at 25°C     at 25°C ± 10% (ohms)							
Nominal	Pick-up (Max.)	1, 2 & 4 Form A, B, C or D Pick-up 500mW	6 Form A, B or C Pick-up 850mW	8 Form A, B or C Pick-up 1000mW				
3.0	2.25	10	6	5				
5.0	3.75	28	16	14				
6.0	4.5	52	25	20				
12.0	9.0	185	90	72				
24.0	18.0	700	430	350				
48.0	36.0	2.5K	1.5K	1.25K				
72.0	54.0	5.8K	3.5K	2.8K				
115.0	86.0	15.0K	9.0K	8.0K				

Q	Q Special DC Voltage Adjustment									
1 & 2 F	orm A, B,	C or D	3 & 4	Form A, B, O	C or D					
Coil Res. @ 25°C ± 10% (ohms)	Pick-up (Max.) @ 25 <sup>°</sup> C (VDC)	Pick-up @ 25°C (mW)	Coil Res. @ 25°C ± 10% (ohms)	Pick-Up (Max.) @ 25°C (VDC)	Pick-Up @ 25°C (mW)	Nominal Voltage @ 25°C (VDC)				
52	3.1	180	32	3.8	450	5				
110	4.5	185	52	4.2	340	6				
450	9.2	190	185	8.4	380	12				
1.8K	17.4	170	1.0K	17.2	295	24				
7.5K	36.2	175	3.2K	31.1	300	48				
15.0K	49.5	165	7.5K	49.3	325	72				
30.0K	67.5	160	15.0K	67.5	300	115				

S	Sensitive DC Voltage Adjustment									
	2.2 Watts Maximum Continuous Coil Dissipation @ 25°C									
Coil Resistance       VDC at 25°C     at 25°C ± 10% (ohms)										
No	A, B, C or D E Nominal Pick-up Pick-up			3 & 4 Form A, B, C or D Pick-up 175mW	6 Form A, B or C Pick-up 250mW	8 Form A, B or C Pick-up 400mW				
	3.0	2.25	50	30	20	12				
	5.0	3.75	140	80	56	35				
	6.0	4.5	200	110	80	52				
	12.0	9.0	800	450	320	200				
	24.0	18.0	3.2K	1.8K	1.2K	800				
	48.0	36.0	13.0K	7.5K	5.2K	3.2K				
	72.0	54.0	28.0K	16.0	13.0K	7.5K				
	115.0	86.0	50.0K	40.0K	30.0K	16.0K				

SS	Ultra-Sensitive Voltage Adjustment (1-4 Pole Only)							
	2	.2 Watts Maxir	num Continuous (	Coil Dissipation @	₽ 25°C			
	Coil ResistanceVDC at 25°Cat 25°C $\pm$ 10% (ohms)							
N	ominal	Pick-up (Max.)	1 Form C     2 Form C     3 & 4 Form       Pick-up     Pick-up     Pick-up       Power     Power     Power       20mW     40mW     80mW					
	3.0	2.25	220	110	52			
	5.0	3.75	700	350	175			
	6.0	4.5	1.0K	500	250			
	12.0	9.0	4.0K	2.0K	1.0K			
	18.0	13.5	9.0K	4.5K	2.2K			
	24.0	18.0	15.0K	7.5K	3.7K			
	36.0	27.0	30.0K	15.0K	7.5K			
	48.0	36.0	-	30.0K	15.0K			

Dimensions are in inches over (millimeters) unless otherwise specified.

J	S	ens	itive DC Cu	rrent Adjus	tment				
Must Operate Current (mA)									
		A	I Applicable T	ypes Except F	R10S				
Coil Resistance ±10% (ohms)	2 Form B, C of Pick-t 85m	rD 	4 Form A, B, C or D Pick-up 175mW	6 Form A, B, C or D Pick-up 250mW	8 Form B or Pick-u 400m	C IP	Max. Coil Current (mA)		
1.0K 2.5K 5.0K	8.5 5.8 4.1		13.0 8.4 6.2	16.0 10.0 7.2	20.0 13.0 9.0		45.0 28.0 20.0		
10.0K 15.0K 30.0K	<b>K</b> 2.6		4.5 3.5 2.5	5.0 4.2 2.9	4.2 5.3		14.0 11.5 8.3		
			R10S T	ypes Only					
Coil     1     2     4       Resistance     Form C     Form C     Form C       ±10%     Pick-up     Pick-up     Pick-up       (ohms)     10mW     20mW     40mW						Form C Pick-up			
500 1.0  2.5  5.0  10.0	( ( (		4.5 (A) 3.2 (A) 2.0 1.4 (B) 1.0	6.3 (A 4.5 2.9 (E 2.0 1.4 (C	3)		9.0 6.5 4.1 (B) 2.9 (C) 2.0		
10.0			0.8	1.4 (0	.)		2.0 1.4		

30.0K

(A) Suggested for 5VDC operation.(B) Suggested for 12VDC operation.(C) Suggested for 24VDC operation.

JJ	Ultra-Sensitive Current Adjustment (1-4 Pole Only)								
		M	aximum Pick-Up	Current (mA)					
Resi at	Coil     1 Form C     2 Form C     3 & 4 Form C     Maximur       vistance     Pick-Up     Pick-Up     Pick-Up     Continuo       t 25°C     Power     Power     Power     Coil Curre       10%     20mW     40mW     80mW     (mA)								
1	1.0K 2.5K 5.0K 0.0K 5.0K 0.0K	4.5 2.9 2.1 1.5 1.2 0.85	6.5 4.1 2.9 2.0 1.7 1.2	9.0 5.8 4.1 3.0 2.4 1.7	45.0 28.0 20.0 14.0 11.5 8.3				

0.8

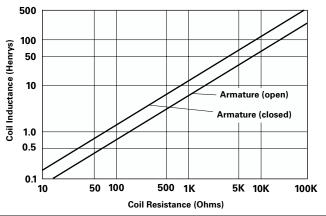
1.2

0.6 (C)

	Standard AC Operated Relays								
Coil Re @ 25°C ± 20	sistance 0% (ohms)	,	/olts AC $@$ 25 $^{\circ}$	с					
2 & 4 Form C	6 & 8 Form C	Pick-Up Maximum (max.) Nominal Continuous							
25	15	5.0	6	7.2					
120	90	9.0	12	14.5					
500	350	18.0	24	30.0					
2.0K	1.4K	36.0	48	60.0					
9.0K	7.5K	86.0	115	130.0					

Note: Dual coil diode rectified construction.

## **Typical Coil Inductance**



Specifications and availability subject to change.

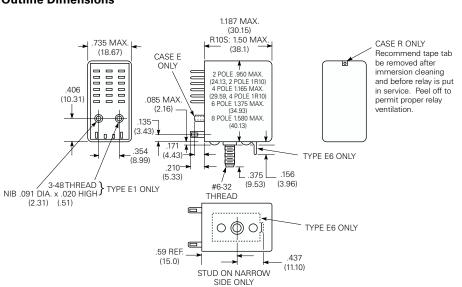
## tyco Electronics

## P&B

			Typical Part Nu	ımber ►	R10 -E	E 1	Y	4	-V
Basic Se									
	elay with Form C o								
R10S = S	Super sensitive R1	0 (case and termi	nals E1 & E2 only,	J coil adj. only).					
Case Sty									
	sealed polycarbon		case (B10 only [Fr	orm C1 terminal (	code 2 & 9 only [std.	PCBI)			
		included. Not ava							
	ls & Mounting:								
		s with #3-48 mou		05" (01 75					
			2mm) clearance, 1. der/plug-in termina						
					nce, 1.2" (30.48mm)	seated ht.			
					staggered arrangeme		y).		
Contact	Style & Rating:								
	w	X	Y	Z	Р				
	Single Contact	Single Contact	Single Contact	Bifurcated, Low	Bifurcated Crossbar,				
	V, Q, S & J Coil /	Adjustment Only		Level Contacts	Dry Circuit Contacts				
			Typ. 2A	Typ. 100mA	Typ. 1mA				
	Max. 7.5A† Min. 500mA	Max. 5A‡ Min. 500mA	Max. 3A Min. 100mA	Max. 2A Min. 1mA	Max. 3A Min. Dry Circuit				
B10	X	X	X	X	X				
R10S	~	~	x	X	X				
	00)/D0 115)		not exceed 30A per r						
					nd 4A at 28VDC for coil	codes S & J.			
					3A at 28VDC for coil co				
	of Poles:							—	
1 = 1  pol 2 = 2  pol		4 = 4 pc	ble ble (not available wi	th \// contacts)					
2 = 2  pol 3 = 3  pol					ot available with W o	contacts).			
	er to Coil Data T			,,,		,			
•	tage (available o	•		DC Volt	ade				
		age followed by V	(example: 24V).		coil adjustment code	eletter followed by a	coil resistance (e	xample: V700	).
		igo ronorroa o, r	(=	opoon) (					

## Our authorized distributors are more likely to stock the following items for immediate delivery.

R10-E1P2-115V R10-E1P2-V700	R10-E1X2-24V R10-E1X2-S800	R10-E1Y2-J1.0K R10-E1Y2-J2.5K	R10-E1Y4-V700 R10-E1Y6-V1.5K	R10-E2P4-V185 R10-E2P4-V700	R10-E2Y4-V185 R10-E2Y4-V700
R10-E1P4-115V	R10-E1X2-V185	R10-E1Y2-V15.0K	R10-E1Z2-V185	R10-E2W2-V185	R10S-E1Y2-J5.0K
R10-E1P4-V700	R10-E1X2-V700	R10-E1Y2-V185	R10-E1Z2-V700	R10-E2X2-V185	R10S-E2Y1-J1.0K
R10-E1W2-V185	R10-E1X4-115V	R10-E1Y2-V2.5K	R10-E1Z4-V185	R10-E2X2-V700	
R10-E1W2-V700	R10-E1X4-V185	R10-E1Y2-V700	R10-E1Z4-V2.5K	R10-E2X4-V185	
R10-E1W4-V185	R10-E1X4-V2.5K	R10-E1Y4-J10.0K	R10-E1Z4-V700	R10-E2X4-V700	
R10-E1W4-V700	R10-E1X4-V700	R10-E1Y4-V2.5K	R10-E1Z6-V1.5K	R10-E2Y2-V185	
R10-E1X2-115V	R10-E1X6-V430	R10-E1Y4-V52	R10-E1Z6-V430	R10-E2Y2-V700	



**Solder Terminal Dimensions** 

.040 (1.02)

.012

(.30)

.090

080

(2.03)

Catalog 1308242 Issued 3-03

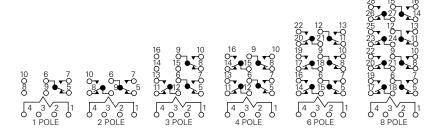
## **PC Terminal Dimensions**

	Α	В	С	D	Arrang.
Type 2	.131	.050	.064	1.251	Inline
Type 7	.131	.040	.013	1.20	Inline
Type 9	.170	.040	.000	1.187	Staggered
Thickness	.012	012	.012	.013	



## Wiring Diagrams (Bottom Views)

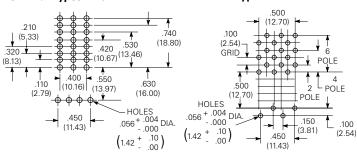
**R10 Wiring Diagrams** 



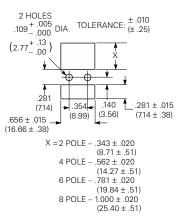
# R10-AC Wiring Diagram



## Suggested PC Board Layouts (Component Side of Boards) Terminal Types E2 & R2 Terminal Types E9 & R9



## **Suggested Panel Cutout For Relay or Socket**



#### Mounting Hole Layout For Terminal & Mounting Style 6



.147 ± .002 DIA (3.73 ± .05)

Dimensions are in inches over (millimeters) unless otherwise specified. Specifications and availability subject to change.

## **R10 Socket & Accessory Information**



Socket Specifications Contact Material: Spring brass, tin-plated. Body Material: 2 and 4 pole: polyester. 6 and 8 pole: phenolic. Voltage Drop: 30mV max. @ 10A. Dielectric Strength: 1,000V rms. Insulation Resistance: 10<sup>9</sup> megohms. Max. Current: 10A.

#### **Solder or PC Terminal Sockets**

Rugged, molded socket body retains floating terminals of either solder or printed circuit pin configuration. PC terminal sockets are offered with pins in either 0.1" (2.54mm) grid or in-line arrangement.

#### Grounding Provisions Pre-installed on sockets

Not for use at 5A AC and above. **Grounding Strip:** Mounting stud of relay contacts grounding strip. Grounding strip is grounded with screw or rivet through round hole in socket.

#### Grounding Terminal (PC sockets only):

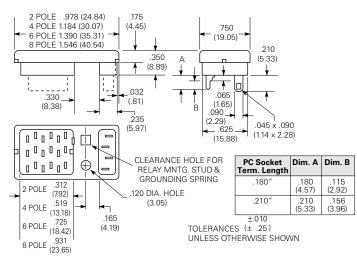
Mounting stud of relay contacts ground terminal through square hole in socket.



#### Caution:

Printed circuit sockets are manufactured with "floating" (loose) terminals. This permits them to align with holes in the circuit board and with the relay terminals. During the mounting and soldering of the socket, vertical float should be eliminated and the terminals seated on the board. (This may be accomplished by inserting a dummy relay in the socket.) Failure to eliminate float may cause fracture of the solder joint or separation of the copper conductor from the printed circuit board when a relay is inserted in the socket after soldering.

#### Solder & PC Terminal Socket Outline Dimensions



# Dimensions are shown for reference purposes only.

Dimensions are in inches over (millimeters) unless otherwise specified.

## Ordering Data - Stock items are boldfaced.

ordening	Data - 3	NOCK ILEMIS an	e bolulaceu.
Socket Part No.	No. o Poles		Grounding Provision
27E125 27E126 27E127 27E162 27E163 27E164	2 4 6 2 4 6	Solder	Strip Strip Strip None None None
27E128 27E129 27E130 27E254 27E212 27E213 27E271 27E258 27E193 27E194 27E636	2 4 6 8 2 4 6 8 2 4 6 8 2 4 2	PC Stag. .180" long (4.57mm) PC Stag.	Strip Strip Strip None None None Terminal Terminal Strip
27E636 27E637	4	210" long (5.33mm)	Strip
27E631 27E632 27E340 <b>27E342</b> <b>27E629</b> 27E630 27E630	2 4 6 2 4 6 4	PC In-line .180″ long (4.57mm)	Strip Strip Strip None None None Terminal
27E633 27E634 27E635	2 4 6	PC In-line .210" long (5.33mm)	Strip Strip Strip
Hold Dow Part No.	ns For Us No. of	e With R10 Socl	kets
	Poles		iption
2002/0	2		Journ Chring

	Poles	Description		
20C249	2	Wire Hold Down Spring		
20C250	4	Wire Hold Down Spring		
20C251	6	Wire Hold Down Spring		
20C266	8	Wire Hold Down Spring		
20C259	All	Wire Hold Down Strap (PC only)		
20C300	2 (R10S)	Hold Down Spring		
20C301	4 (R10S)	Hold Down Spring		

See following page for additional sockets & accessories.

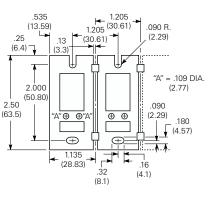
## 37D645 – Mounting Strip

Strip of .060" (1.52mm) aluminum contains ten pre-punched, breakaway mounting plates. Each plate accomodates a 2, 4, 6 or 8 pole solder terminal R10 relay or socket to facilitate chassis- or rack mounting.

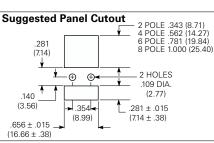


Specifications and availability

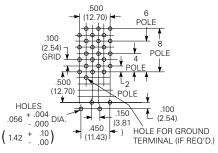
subject to change.



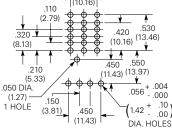
# All tolerances $\pm$ .010 ( $\pm$ .25) unless otherwise noted.



## Suggested Board Layout (Component Side)



## Suggested Board Layout (Component Side) 400 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -10



## Hold Down Spring

Hold Down Strap (PC Sockets Only)



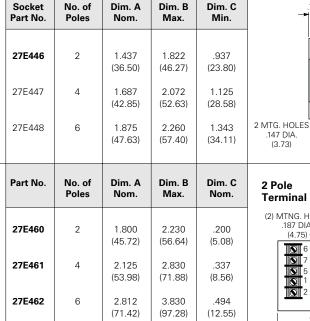
www.tycoelectronics.com Technical support: Refer to inside back cover.

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## R10 Socket & Accessory Information (Continued)

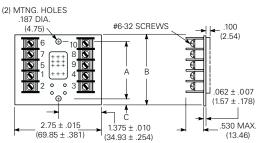
Ordering	Data _	Stock	itome	aro	boldfaced.	
Ordening	υαια –	SLUCK	items	are	Dululaceu.	

	Ordering Data – Stock items are boldiaced.				
	Socket Part No.	No. of Poles	Type of Terminal	Grounding Provision	
<b>Bracket Mount Socket</b> Allows solder terminal relay to mount flat on a chassis.	<b>27E317</b> 27E152	2 4	Solder/ Bracket	Strip Strip	X = 2 POLE .978 (24.84) 4 POLE 1.184 (30.07) 2.210 TVP. (5.33) (25.33) (1.91) (1.10) (1.14 × 2.28) (3.96) (1.14 × 2.28) (3.96) (1.10) (1.11) (1.10) (1.11) (1.10) (1.11) (1.10) (1.11) (1.10) (1.11) (



See preceding page for hold down springs.





.187 ± .010

(4.75 ± .25)

.175 REF.

(4.45)

.210

(5.33)

.320 REF.

(8.13)

-.065

(1.65)

.045 x .090 (1.14 x 2.28)

SLOT IN TERMINALS

-0

CHASSIS

0

.25

(6.35)

2 HOLES

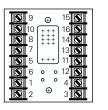
.147 DIA.

(3.73)

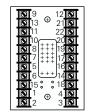
.687

(17.45)

#### 4 Pole **Terminal Wiring Code**



6 Pole **Terminal Wiring Code** 





#### Flange Mount Socket Solder terminal socket with tin-plated

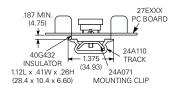
terminals and grounding strip pre-assembled on .065" (1.65mm) steel mounting plate. Requires only one chassis cutout.



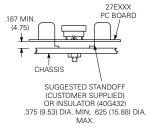
#### **Track Mount Socket**

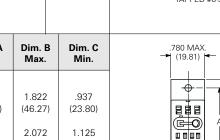
Provides front wiring, screw terminal connections for R10 family relays. No grounding provision.

## Suggested Track Mounting



#### **Suggested Chassis Mounting**





Technical support: Refer to inside back cover.