

Features

- Standard Industry Packaging
- 5V DC Versions Operate Directly from DTL or TTL Circuits
- Internal Clamping Diode Version (D-suffix)
- Flame Retardent Epoxy Case is Immersion Resistant

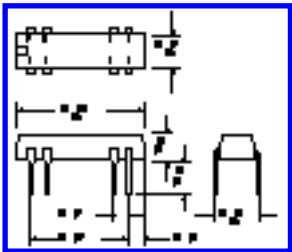
R56 & R57 Series

General Purpose DIP (dual in-line package) DC Reed Relays

DC OPERATED									
NTE Type No.	Nom. Volt. VDC	Contact Arr.	Typ. Coil Res. Ohms	Max. Pickup VDC	Min. Drop Out VDC	Max. Curr. Amps	Times		Diag. No.
							Max. Separate	Max. Release	
R56-1D.5-6	5	SPST-NO	500	3.8	0.5	0.50	330µs	75µs	D27C
R56-1D.5-6D	5	SPST-NO	500	3.8	0.5	0.50	330µs	150µs	D27D
R56-1D.5-12	12	SPST-NO	1200	9.0	1.0	0.50	400µs	75µs	D27C
R56-1D.5-24	24	SPST-NO	2200	18	2.0	0.50	400µs	75µs	D27C
R56-5D.5-6	6	SPDT	180	4.5	0.5	0.50	500µs	150µs	D27A
R56S-5D.5-6	5	SPDT	200	3.8	0.5	0.50	500µs	500µs	D27J
R56S-5D.5-6D	5	SPDT	200	3.8	0.5	0.50	500µs	500µs	D27K
R56-5D.5-12	12	SPDT	500	9.0	1.0	0.50	500µs	150µs	D27A
R56S-5D.5-12	12	SPDT	500	8.0	1.0	0.50	500µs	500µs	D27J
R56S-5D.5-12D	12	SPDT	500	8.0	1.0	0.50	500µs	500µs	D27K
R56-5D.5-24	24	SPDT	2200	18	2.0	0.50	700µs	150µs	D27A
R56S-5D.5-24	24	SPDT	1750	16	2.0	0.50	500µs	500µs	D27J
R56S-5D.5-24D	24	SPDT	1750	16	2.0	0.50	500µs	500µs	D27K
R56-7D.5-6	5	DPST-NO	200	3.8	0.5	0.50	700µs	75µs	D27E
R56-7D.5-6D	5	DPST-NO	200	3.8	0.5	0.50	500µs	200µs	D27F
R56-7D.5-12	12	DPST-NO	500	9.0	1.0	0.50	700µs	75µs	D27E
R56-7D.5-12D	12	DPST-NO	500	8.0	1.0	0.50	500µs	200µs	D27F
R56-7D.5-24	24	DPST-NO	2200	18	2.0	0.50	700µs	75µs	D27E
R56-7D.5-24D	24	DPST-NO	1750	16	2.0	0.50	500µs	200µs	D27F
R57-1D.5-5/6	5/6	SPST-NO	500	3.8	0.5	0.50	400µs	75µs	D27C
R57-1D.5-5/6D	5/6	SPST-NO	500	3.8	0.5	0.50	400µs	150µs	D27D
R57-1D.5-12	12	SPST-NO	1200	9.0	1.0	0.50	400µs	75µs	D27C
R57-1D.5-12D	12	SPST-NO	1200	9.0	1.0	0.50	400µs	150µs	D27D
R57-1D.5-24	24	SPST-NO	2200	18	2.0	0.50	400µs	75µs	D27C
R57-1D.5-24D	24	SPST-NO	2200	18	2.0	0.50	400µs	150µs	D27D
R57-2D.5-5/6	5/6	SPST-NC	500	3.8	0.5	0.50	400µs	75µs	D27G
R57-2D.5-5/6D	5/6	SPST-NC	500	3.8	0.5	0.50	450µs	150µs	D27H
R57-2D.5-12	12	SPST-NC	1200	9.0	1.0	0.50	450µs	75µs	D27G



D27



Electrical Specifications

Contact
Rating: See Chart for Switching Current
Resistance: 200 milliohms initial
Switching Volts Max: 100 VDC
Rating Max: 0.5A = 10 VA, 0.25 = 4 VA

Insulation Characteristics
Dielectric Strength
Across Open Contacts: 200 VDC
Contact to Contact: 1000 VDC

Environmental Characteristics
Operating: -45°C to +85°C
Storage: -60°C to +105°C
Mounting Position: Any

Capacitance
Across Open Contacts: 1.0pF Typical
Open Contacts to Coil:
2.0pF (SPST-NO, DPST-NO)
2.5pF (SPST-NC)
3.0pF (SPDT) Typical

Life
At rated Load: 5 x 10⁶ (with appropriate

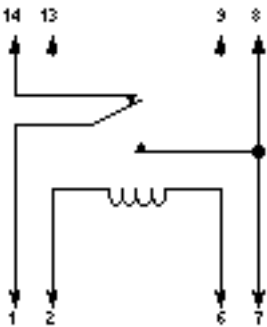
R57-2D.5-12D	12	SPST-NC	1200	9.0	1.0	0.50	450µs	150µs	D27H
R57-2D.5-24	24	SPST-NC	2200	18	2.0	0.50	400µs	75µs	D27G
R57-2D.5-24D	24	SPST-NC	2200	18	2.0	0.50	400µs	150µs	D27H
R57-5D.25-5/6	5/6	SPDT	200	3.8	0.5	0.25	500µs	175µs	D27A
R57-5D.25-5/6D	5/6	SPDT	200	3.8	0.5	0.25	500µs	250µs	D27B
R57-5D.25-12	12	SPDT	500	9.0	1.0	0.25	700µs	150µs	D27A
R57-5D.25-12D	12	SPDT	500	9.0	1.0	0.25	700µs	250µs	D27B
R57-5D.25-24	24	SPDT	2200	18	2.0	0.25	700µs	150µs	D27A
R57-5D.25-24D	24	SPDT	2200	18	2.0	0.25	700µs	250µs	D27B

contact protection)

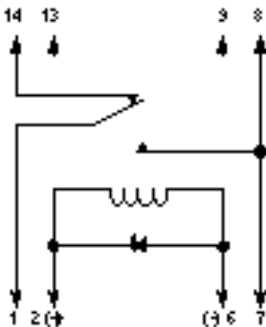
Weight
Std: 1 gram approx

Outlines for R56 & R57 Series

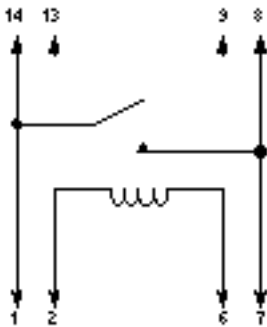
D27A
1 Form C
(Top View)



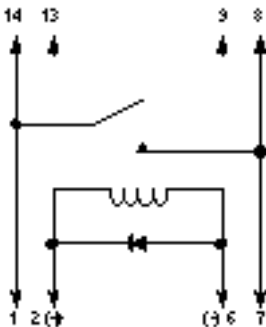
D27B
1 Form C w/Clamp Diode
(Top View)



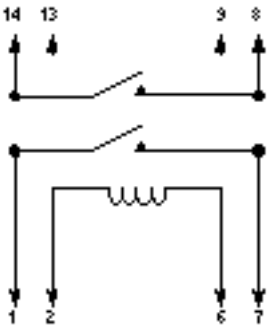
D27C
1 Form A
(Top View)



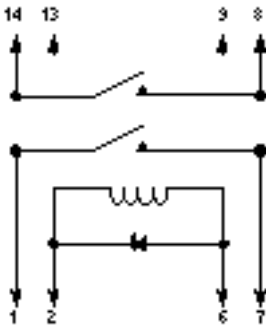
D27D
1 Form A w/Clamp Diode
(Top View)



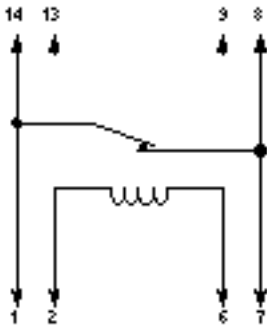
D27E
2 Form A
(Top View)



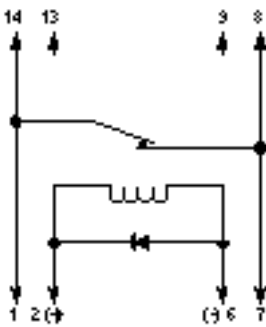
D27F
2 Form A w/Clamp Diode
(Top View)



D27G
1 Form B
(Top View)

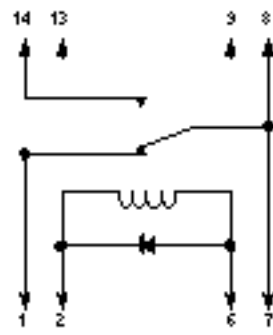
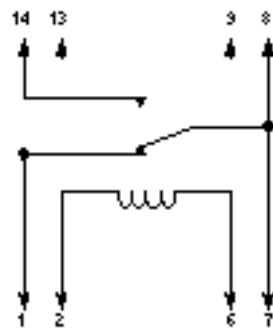


D27H
1 Form B w/Clamp Diode
(Top View)



D27J
1 Form C
(Top View)

D27K
1 Form C w/Clamp Diode
(Top View)



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