

Fig.	Contact Arrangement	Coil Voltage	Coil Resistance (Ω)	Coil Current (mA)	Contact Ratings (A) 30VDC	Pickup/ Dropout/ Maximum Voltage	Digi-Key Part No.	1	25	50	100	Panasonic Part No.
NEW! ARA Series High Frequency Relays NEW!												
1	DPDT	3DC	64.3	46.7	1	2.25/0.3/4.5	255-2155-5-ND	26.58	24.42	21.70	18.45	ARA200A03
		4.5DC	145	31	1	3.37/0.45/6.75	255-2158-5-ND	26.58	24.42	21.70	18.45	ARA200A4H
		5DC	178	28.1	1	3.75/0.5/6.75	255-2156-5-ND	26.58	24.42	21.70	18.45	ARA200A05
		12DC	1,028	11.7	1	9/1.2/18	255-2157-5-ND	26.58	24.42	21.70	18.45	ARA200A12
ARE Series High Frequency Relays												
2	SPDT-NO/NC	4.5DC	101	44.4	0.5	3.375/0.45/4.95	255-1573-ND	5.27	4.84	4.30	3.66	ARE134H
		12DC	720	16.70	0.5	9/1.2/13.2	255-1572-ND	5.27	4.84	4.30	3.66	ARE1312
		4.5DC	101	44.4	0.5	3.375/0.45/4.95	255-1575-5-ND	5.73	5.27	4.68	3.98	ARE134AH
		12DC	720	16.70	0.5	9/1.2/13.2	255-1574-5-ND	5.73	5.27	4.68	3.98	ARE13412
ARJ Series High Frequency Relays												
3	DPDT	4.5DC	101.2	44.4	0.3	3.375/0.45/4.95	255-1461-ND	153.69	141.15	125.46	106.65	ARJ20A4H
		12DC	720	16.6	0.3	9/1.2/13.2	255-1462-ND	153.69	141.15	125.46	106.65	ARJ20A12
ARJ Series Dual Coil Latching High Frequency Relays												
3	DPDT	4.5DC	135	33.3	0.3	3.375/0.5/5.5	255-1579-ND	153.69	141.15	125.46	106.65	ARJ22A4H
		12DC	960	12.5	0.3	9/9/13.2	255-1578-ND	153.69	141.15	125.46	106.65	ARJ22A12
RK Series High Frequency Relays												
4	SPDT	5DC	125	40	0.01	3.75/0.5/5.5	255-1085-ND	9.26	8.51	7.56	6.43	RK1-5V
		6DC	180	34	0.01	4.5/0.6/6.6	255-1086-ND	9.26	8.51	7.56	6.43	RK1-6V
		12DC	720	17	0.01	9/1.2/13.2	255-1087-ND	9.26	8.51	7.56	6.43	RK1-12V
		24DC	2,880	9	0.01	18/2.4/26.4	255-1088-ND	9.53	8.76	7.78	6.62	RK1-24V
RP Series High Frequency Low Profile Relays												
5	SPDT	5DC	178	28	0.1	3.75/0.5/7.5	255-1089-ND	21.78	20.01	17.78	15.12	RP1-5V
		12DC	1,028	11.7	0.1	9/1.2/18	255-1090-ND	21.78	20.01	17.78	15.12	RP1-12V
		24DC	2,133	11.3	0.1	18/2.4/28.8	255-1091-ND	22.39	20.57	18.28	15.54	RP1-24V

Signal Relays

Fig.	Contact Arrangement	Coil Voltage	Coil Resist. (Ω)	Coil Current (mA)	Contact Ratings (A) 30VDC 125VAC	Additional Features	Digi-Key Part No.	1	25	50	100	Panasonic Part No.
AGQ Series Low Signal Relays												
1	DPDT	1.5DC	16	93.8	1	0.3	255-1356-5-ND	3.38	3.11	2.76	2.35	AGQ2001H
		3DC	64.2	46.7	1	0.3	255-1505-5-ND	3.38	3.11	2.76	2.35	AGQ20003
		4.5DC	145	31	1	0.3	255-1357-5-ND	3.38	3.11	2.76	2.35	AGQ2004H
		12DC	1,028	11.7	1	0.3	255-1358-5-ND	3.38	3.11	2.76	2.35	AGQ20012
		24DC	2,504	9.6	1	0.3	255-1359-5-ND	3.97	3.65	3.24	2.76	AGQ20024
		4.5DC	202.5	22.2	1	0.3	255-2092-5-ND NEW!	3.70	3.40	3.02	2.57	AGQ2104H
AGQ Series Low Signal Relays SMD												
2A	DPDT	3DC	64.2	46.7	1	0.3	255-2091-5-ND NEW!	3.50	3.22	2.86	2.43	AGQ200A03
		3DC	64.2	46.7	1	0.3	255-2091-2-ND NEW!	1930.50/900				AGQ200A03Z
		4.5DC	145	31	1	0.3	255-1860-ND	3.50	3.22	2.86	2.44	AGQ200A4H
		4.5DC	145	31	1	0.3	255-1860-2-ND NEW!	1930.50/900				AGQ200A4HZ
		12DC	1,028	11.7	1	0.3	255-1858-ND	3.50	3.22	2.86	2.44	AGQ200A12
		12DC	1,028	11.7	1	0.3	255-1858-2-ND NEW!	1930.50/900				AGQ200A12Z
		24DC	2,504	9.6	1	0.3	255-1859-ND	4.12	3.78	3.36	2.86	AGQ200A24
2B	DPDT	3DC	90	33.3	1	0.3	255-2093-2-ND NEW!	2092.50/900				AGQ210A03Z
		4.5DC	202.5	22.2	1	0.3	255-2094-2-ND NEW!	2092.50/900				AGQ210A4HZ
		1.5DC	16	93.8	1	0.3	255-1360-5-ND	3.80	3.49	3.10	2.64	AGQ200S1H
		3DC	64.2	46.7	1	0.3	255-1361-5-ND	3.80	3.49	3.10	2.64	AGQ200S03
		3DC	64.2	46.7	1	0.3	255-1361-2-ND NEW!	2092.50/900				AGQ200S03Z
		4.5DC	145	31	1	0.3	255-1362-5-ND	3.80	3.49	3.10	2.64	AGQ200S4H
		12DC	1,028	11.7	1	0.3	255-1363-5-ND	3.80	3.49	3.10	2.64	AGQ200S12
24DC	2,504	9.6	1	0.3	255-1364-5-ND	4.39	4.03	3.58	3.05	AGQ200S24		
2B	DPDT	3DC	90	33.3	1	0.3	255-2095-2-ND NEW!	2092.50/900				AGQ210S03Z
		4.5DC	202.5	22.2	1	0.3	255-2096-2-ND NEW!	2092.50/900				AGQ210S4HZ
AGN Series Compact Low Signal Relays												
3A	DPDT	3DC	64.2	46.7	1	0.3	255-2085-5-ND NEW!	3.38	3.11	2.76	2.35	AGN20003
		4.5DC	145	31	1	0.3	255-1230-5-ND	3.38	3.11	2.76	2.35	AGN2004H
		12DC	1,028	11.7	1	0.3	255-1231-5-ND	3.38	3.11	2.76	2.35	AGN20012
		24DC	2,504	9.6	1	0.3	255-1232-5-ND	3.97	3.65	3.24	2.76	AGN20024
		3DC	64.2	46.7	1	0.3	255-1855-ND	3.70	3.40	3.02	2.57	AGN21003
3A	DPDT	4.5DC	145	31	1	0.3	255-1857-ND	3.70	3.40	3.02	2.57	AGN2104H
		12DC	202.5	22.2	1	0.3	255-1856-ND	3.70	3.40	3.02	2.57	AGN21012
AGN Series Compact Low Signal Relays SMD												
3B	DPDT	3DC	64.2	46.7	1	0.3	255-1504-5-ND	3.50	3.22	2.86	2.44	AGN200A03
		3DC	64.2	46.7	1	0.3	255-1504-2-ND NEW!	1072.50/500				AGN200A03Z
		4.5DC	145	31	1	0.3	255-1233-5-ND	3.50	3.22	2.86	2.44	AGN200A4H
		4.5DC	145	31	1	0.3	255-1233-2-ND NEW!	1072.50/500				AGN200A4HZ
		6DC	257	23.3	1	0.3	255-2086-5-ND NEW!	3.50	3.22	2.86	2.44	AGN200A06
		12DC	1,028	11.7	1	0.3	255-1234-5-ND	3.50	3.22	2.86	2.44	AGN200A12
		12DC	1,028	11.7	1	0.3	255-1234-2-ND NEW!	1072.50/500				AGN200A12Z

Fig. 1 — AGQ Series - PCB

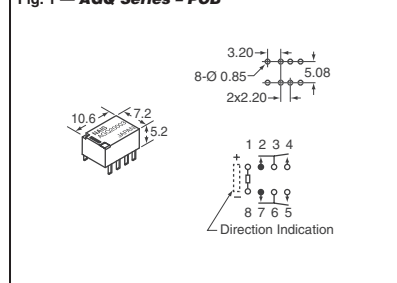
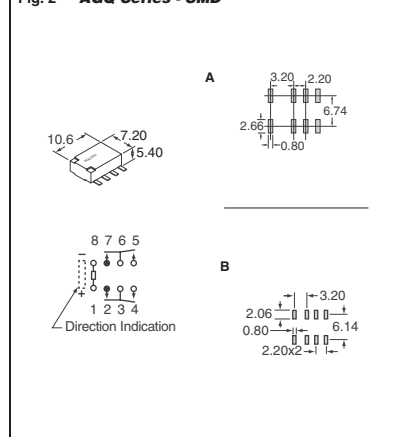


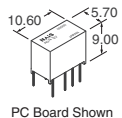
Fig. 2 — AGQ Series - SMD



† Tape and Reel

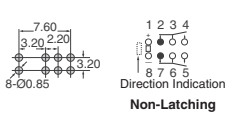
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Fig. 3 — AGN Series



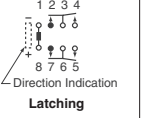
PC Board Shown

A



Non-Latching

B



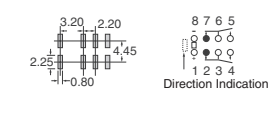
Latching

C



SMD - A Type

C



SMD - S Type

Fig.	Contact Arrange.	Coil Voltage	Coil Resist. (Ω)	Coil Current (mA)	Contact Ratings (A)		Additional Features	Digi-Key Part No.	Price Each				Panasonic Part No.		
					30VDC	125VAC			1	25	50	100			
3B	DPDT	24DC	2,504	9.6	1	0.3	Long SMD	255-1235-5-ND	4.12	3.78	3.36	2.86	AGN200A24		
		24DC	2,504	9.6	1	0.3		255-1235-2-ND† NEW!		1260.00/500			AGN200A24Z		
3C	DPDT	4.5DC	202.5	22.2	1	0.3	1 Coil Latching	255-2089-5-ND NEW!	3.80	3.49	3.10	2.64	AGN210A4H		
		3DC	64.2	46.7	1	0.3	Long SMD	255-2087-5-ND NEW!	3.50	3.22	2.86	2.44	AGN200S03		
		3DC	64.2	46.7	1	0.3		255-2087-2-ND† NEW!		997.50/500			AGN200S03Z		
		4.5DC	145	31	1	0.3		255-1854-ND	3.50	3.22	2.86	2.44	AGN200S4H		
		4.5DC	145	31	1	0.3		255-1854-2-ND† NEW!		997.50/500			AGN200S4HZ		
		12DC	202.5	22.2	1	0.3	1 Coil Latching	255-1853-ND	3.50	3.22	2.86	2.44	AGN200S12		
		12DC	1,028	11.7	1	0.3		255-1853-2-ND† NEW!		997.50/500			AGN200S12Z		
		24DC	2,504	9.6	1	0.3		255-2088-2-ND† NEW!		1260.00/500			AGN200S24Z		
		4.5DC	202.5	22.2	1	0.3		255-2090-5-ND NEW!	3.80	3.49	3.10	2.64	AGN210S4H		
		4.5DC	202.5	22.2	1	0.3		255-2090-2-ND† NEW!		1162.50/500			AGN210S4HZ		
		DE Series High-Insulation Power Relay													
		4	DPST	4.5DC	101	44.5	8	8	PC Mount	255-1904-ND	9.33	8.58	7.62	6.48	DE2A-4.5V
12DC	720			16.6	8	8		255-1903-ND	9.33	8.58	7.62	6.48	DE2A-12V		
DS Series Low Signal Relays															
5A	SPDT	3DC	45	—	2	2	Sensitive Coil	255-1478-ND	6.59	6.06	5.38	4.58	DS1E-S-DC3V		
		5DC	125	—	2	2		255-1609-ND	6.59	6.06	5.38	4.58	DS1E-S-DC5V		
		12DC	720	—	2	2		255-1607-ND	6.59	6.06	5.38	4.58	DS1E-S-DC12V		
		24DC	2,880	—	2	2	Standard Coil	255-1608-ND	6.59	6.06	5.38	4.58	DS1E-S-DC24V		
		5DC	62.5	80	2	2		255-1474-ND	4.68	4.30	3.82	3.25	DS1E-M-DC5V		
		12DC	360	33.3	2	2		255-1473-ND	4.68	4.30	3.82	3.25	DS1E-M-DC12V		
6A	DPDT	12DC	360	33.3	2	2	Sensitive Coil	255-2192-ND NEW!	4.68	4.30	3.82	3.25	DS1E-M-DC12V-TB		
		24DC	1,440	16.3	2	2		255-1605-ND	4.68	4.30	3.82	3.25	DS1E-M-DC24V		
		5DC	62.5	80	2	2		255-2198-ND NEW!	4.04	3.72	3.30	2.81	DS2E-S-DC1.5V		
		3DC	45	66.6	2	2	255-1874-ND	4.04	3.72	3.30	2.81	DS2E-S-DC3V			
		5DC	125	40	2	2	255-1062-ND	4.04	3.72	3.30	2.81	DS2E-S-DC5V			
		6DC	180	30	2	2	255-1610-ND	4.04	3.72	3.30	2.81	DS2E-S-DC6V			
		9DC	405	22.2	2	2	Standard Coil	255-2200-ND NEW!	4.04	3.72	3.30	2.81	DS2E-S-DC9V		
		12DC	720	16.6	2	2		255-1063-ND	4.04	3.72	3.30	2.81	DS2E-S-DC12V		
		24DC	2,880	8.3	2	2		255-1064-ND	4.04	3.72	3.30	2.81	DS2E-S-DC24V		
		7A	4DPT	48DC	11,520	4.1	2	2	Sensitive Coil	255-1065-ND	5.49	5.04	4.48	3.81	DS2E-S-DC48V
				48DC	11,520	4.1	2	2		255-2199-ND NEW!	5.49	5.04	4.48	3.81	DS2E-S-DC48V-TB
				5DC	62.5	80	2	2		255-1070-ND	3.26	3.00	2.66	2.27	DS2E-M-DC5V
9DC	203			60	2	2	Standard Coil	255-1479-ND	3.26	3.00	2.66	2.27	DS2E-M-DC9V		
12DC	360			33.2	2	2		255-1071-ND	3.26	3.00	2.66	2.27	DS2E-M-DC12V		
24DC	1,440			16.6	2	2		255-1072-ND	3.26	3.00	2.66	2.27	DS2E-M-DC24V		
7B	4DPT	48DC	5,760	8.3	2	2	Sensitive Coil	255-1073-ND	4.07	3.74	3.32	2.83	DS2E-M-DC48V		
		3DC	45	66.6	2	2		255-1876-ND	9.26	8.51	7.56	6.43	DS4E-S-DC3V		
		5DC	125	40	2	2		255-1482-ND	9.26	8.51	7.56	6.43	DS4E-S-DC5V		
		6DC	180	30	2	2	Standard Coil	255-1483-ND	9.26	8.51	7.56	6.43	DS4E-S-DC6V		
		12DC	720	16.6	2	2		255-1481-ND	9.26	8.51	7.56	6.43	DS4E-S-DC12V		
		24DC	2,880	8.3	2	2		255-1616-ND	9.26	8.51	7.56	6.43	DS4E-S-DC24V		
		48DC	11,520	4.1	2	2	255-1877-ND	11.61	10.67	9.48	8.06	DS4E-S-DC48V			
		5B	SPDT	5DC	62.5	80	2	2	1 Coil Latching	255-1614-ND	8.18	7.52	6.68	5.68	DS4E-M-DC5V
				12DC	360	33.3	2	2		255-1611-ND	8.18	7.52	6.68	5.68	DS4E-M-DC12V
				24DC	1,440	16.6	2	2		255-1612-ND	8.18	7.52	6.68	5.68	DS4E-M-DC24V
				48DC	5,760	8.3	2	2	255-1613-ND	8.18	7.52	6.68	5.68	DS4E-M-DC48V	
				5C	SPDT	3DC	45	66.6	2	2	1 Coil Latching	255-1993-ND	7.33	6.73	5.98
5DC	125					40	2	2	255-1994-ND	7.33		6.73	5.98	5.09	DS1E-SL-DC5V
12DC	720	16.6	2			2	255-1872-ND	7.35	6.75	6.00		5.10	DS1E-SL-DC12V		
24DC	2,880	8.3	2			2	1 Coil Latching	255-1995-ND	7.35	6.75	6.00	5.10	DS1E-SL-DC24V		
5DC	139	40	2			2		255-2195-ND NEW!	5.44	5.00	4.44	3.78	DS1E-ML-DC5V		
12DC	800	16.6	2			2		255-2193-ND NEW!	5.44	5.00	4.44	3.78	DS1E-ML-DC12V		
24DC	3,200	8.3	2			2	255-2194-ND NEW!	5.44	5.00	4.44	3.78	DS1E-ML-DC24V			
6B	DPDT	3DC	45			66.6	2	2	2 Coil Latching	255-1873-ND	7.11	6.53	5.80	4.93	DS1E-SL2-DC3V
		5DC	69.4			—	2	2		255-1477-ND	5.22	4.80	4.26	3.63	DS1E-SL2-DC5V
		6DC	100			60	2	2		255-2196-ND NEW!	3.26	3.00	2.66	2.27	DS1E-SL2-DC6V
		9DC	225			40	2	2	1 Coil Latching	255-2197-ND NEW!	3.87	3.56	3.16	2.69	DS2E-SL2-DC9V
		12DC	1,400			—	2	2		255-1475-ND	5.22	4.80	4.26	3.63	DS1E-SL2-DC12V
		24DC	6,400	—	2	2	255-1606-ND	5.22		4.80	4.26	3.63	DS1E-SL2-DC24V		
6C	DPDT	5DC	125	40	2	2	2 Coil Latching	255-1875-ND	4.63	4.26	3.78	3.22	DS2E-SL-DC5V		
		3DC	25	—	2	2		255-1480-ND	3.87	3.56	3.16	2.69	DS2E-ML2-DC3V		
		5DC	69.4	72	2	2		255-1074-ND	3.87	3.56	3.16	2.69	DS2E-ML2-DC5V		
		12DC	400	30	2	2	1 Coil Latching	255-1075-ND	3.87	3.56	3.16	2.69	DS2E-ML2-DC12V		
		24DC	1,600	15	2	2		255-1076-ND	3.87	3.56	3.16	2.69	DS2E-ML2-DC24V		
		48DC	6,400	7.5	2	2		255-1077-ND	5.17	4.75	4.22	3.59	DS2E-ML2-DC48V		
7B	4DPT	5DC	139	35.9	2	2	2 Coil Latching	255-1066-ND	4.78	4.39	3.90	3.32	DS2E-SL2-DC5V		
		12DC	800	15	2	2		255-1067-ND	4.78	4.39	3.90	3.32	DS2E-SL2-DC12V		
		24DC	3,200	7.5	2	2		255-1068-ND	4.78	4.39	3.90	3.32	DS2E-SL2-DC24V		
		48DC	12,800	3.25	2	2	1 Coil Latching	255-1069-ND	5.71	5.25	4.66	3.97	DS2E-SL2-DC48V		
		5DC	139	—	2	2		255-1484-ND	10.78	9.90	8.80	7.48	DS4E-SL2-DC5V		
		24DC	3,200	—	2	2		255-1617-ND	10.78	9.90	8.80	7.48	DS4E-SL2-DC24V		
12DC	800	15	2	2	2 Coil Latching	255-2204-ND NEW!	10.78	9.90	8.80	7.48	DS4E-SL2-DC12V				
5DC	69.4	—	2	2		255-1615-ND	9.16	8.42	7.48	6.36	DS4E-SL2-DC5V				

Fig. 4 — DE Series

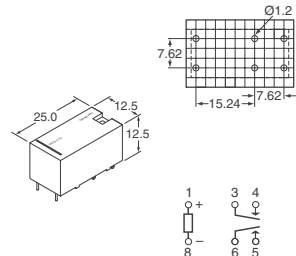
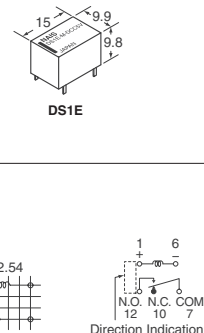
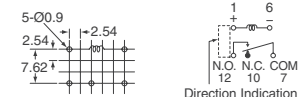


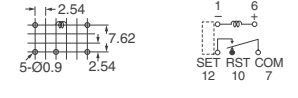
Fig. 5 — DS Series



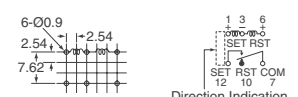
A



B



C



† Tape and Reel

(Continued)

Fig. 6

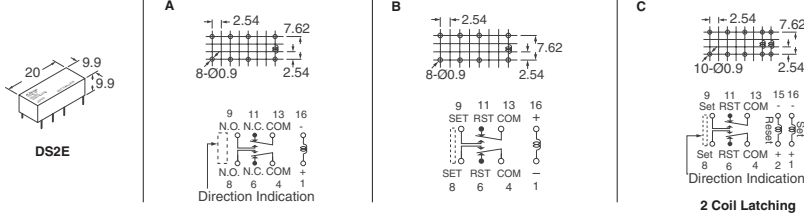


Fig.	Contact Arrange.	Coil Voltage	Coil Resist. (Ω)	Coil Current (mA)	Contact Ratings (A) 30VDC 125VAC	Additional Features	Digi-Key Part No.	1	25	50	100	Panasonic Part No.
7B	4PDT	24DC	1,600	15	2 2	2 Coil Latching	255-2203-ND NEW!	9.16	8.42	7.48	6.36	DS4E-ML2-DC24V
DS2Y Series Low Signal Relays												
8	DPDT	5DC	125	40	2 2	Sensitive Coil	255-1078-ND	2.65	2.43	2.16	1.84	DS2Y-S-DC5V
		6DC	180	33.3	2 2		255-2201-ND NEW!	2.65	2.43	2.16	1.84	DS2Y-S-DC6V
		9DC	405	22.2	2 2		255-2202-ND NEW!	2.65	2.43	2.16	1.84	DS2Y-S-DC9V
		12DC	720	16.7	2 2		255-1079-ND	2.65	2.43	2.16	1.84	DS2Y-S-DC12V
		24DC	2,880	8.3	2 2		255-1080-ND	2.74	2.52	2.24	1.91	DS2Y-S-DC24V
		48DC	7,680	6.3	2 2		255-1081-ND	3.68	3.38	3.00	2.55	DS2Y-S-DC48V
HX Series Compact Low Signal Relays												
9	DPDT	3DC	28.1	107	1 0.3	—	255-1392-5-ND	3.43	3.15	2.80	2.38	HX2-3V
HY Series General Purpose Relays												
10	SPDT	3DC	60	50	1 —	—	255-1391-ND	3.16	2.91	2.58	2.20	HY1-3V
		5DC	166	30.1	1 —		255-1092-ND	3.16	2.91	2.58	2.20	HY1-5V
		12DC	960	12.5	1 —		255-1093-ND	3.16	2.91	2.58	2.20	HY1-12V
		24DC	3,840	6.25	1 —		255-1094-ND	3.97	3.65	3.24	2.76	HY1-24V
	SPDT-NO/NC	5DC	125	40	1 —	—	255-1799-5-ND	2.89	2.66	2.36	2.01	HY12-5V
6DC	180	33.3	1 —	—	255-1800-5-ND	2.89	2.66	2.36	2.01	HY12-6V		
12DC	720	16.7	1 —	—	255-1797-5-ND	2.89	2.66	2.36	2.01	HY12-12V		
ASX Series Low Signal Relays												
11A	DPDT	3DC	180	16.7	.01 .01	PC Mount	255-1402-5-ND	5.54	5.09	4.52	3.85	ASX20003
		4.5DC	405	11.1	.01 .01		255-1403-5-ND	5.54	5.09	4.52	3.85	ASX2004H
		12DC	2,880	4.2	.01 .01		255-1404-5-ND	5.76	5.29	4.70	4.00	ASX20012
		24DC	8,229	2.9	.01 .01		255-1405-5-ND	6.32	5.81	5.16	4.39	ASX20024
12A	DPDT	3DC	180	16.7	.01 .01	SMT Mount	255-1406-5-ND	5.76	5.29	4.70	4.00	ASX200A03
		4.5DC	405	11.1	.01 .01		255-1407-5-ND	5.76	5.29	4.70	4.00	ASX200A4H
		12DC	2,880	4.2	.01 .01		255-1408-5-ND	5.76	5.29	4.70	4.00	ASX200A12
		24DC	8,229	2.9	.01 .01		255-1409-5-ND	6.57	6.03	5.36	4.56	ASX200A24
ASX Series Single Coil Latching Relays												
11B	DPDT	1.5DC	64.3	23.3	.01 .01	PC Mount	255-1870-ND	6.20	5.70	5.06	4.31	ASX2101H
		3DC	257	11.7	.01 .01		255-1580-5-ND	6.20	5.70	5.06	4.31	ASX21003
		4.5DC	579	7.8	.01 .01		255-1583-5-ND	6.20	5.70	5.06	4.31	ASX2104H
		12DC	4,114	2.9	.01 .01		255-1581-5-ND	6.20	5.70	5.06	4.31	ASX21012
		24DC	11,520	2.10	.01 .01		255-1582-5-ND	6.74	6.19	5.50	4.68	ASX21024
12B	DPDT	3DC	257	11.7	.01 .01	SMT Mount	255-1584-5-ND	6.42	5.90	5.24	4.46	ASX210A03
		4.5DC	579	7.8	.01 .01		255-1587-5-ND	6.42	5.90	5.24	4.46	ASX210A4H
		12DC	4,114	2.9	.01 .01		255-1585-5-ND	6.42	5.90	5.24	4.46	ASX210A12
		24DC	11,520	2.1	.01 .01		255-1586-5-ND	6.96	6.39	5.68	4.83	ASX210A24
		ASX Series Dual Coil Latching Relays										
11C	DPDT	4.5DC	289	15.6	10mA@10DC	PC Mount	255-1591-5-ND	6.32	5.81	5.16	4.39	ASX2204H
12C	DPDT	12DC	2,057	5.8	10mA@10DC	PC Mount	255-1589-5-ND	6.32	5.81	5.16	4.39	ASX22012
12C	DPDT	3DC	129	23.30	10mA@10DC	SMT Mount	255-1592-5-ND	6.57	6.03	5.36	4.56	ASX220A03
TK Series Low Signal Relays												
13A	SPDT	3DC	64.3	46.7	2 0.5	Low Profile	255-1756-5-ND	4.43	4.08	3.62	3.08	TK1-3V
		4.5DC	145	31.1	2 0.5		255-1757-5-ND	4.43	4.08	3.62	3.08	TK1-4.5V
		5DC	178	28.1	2 0.5		255-1028-5-ND	4.43	4.08	3.62	3.08	TK1-5V
		9DC	579	15.5	2 0.5		255-1758-5-ND	4.43	4.08	3.62	3.08	TK1-9V
		12DC	1,028	11.7	2 0.5		255-1029-5-ND	4.43	4.08	3.62	3.08	TK1-12V
		24DC	2,133	11.3	2 0.5		255-1030-5-ND	5.10	4.68	4.16	3.54	TK1-24V
TK Series Single Coil Latching Relays												
13B	SPDT	4.5DC	202.5	22.2	2 0.5	Low Profile	255-2254-ND NEW!	4.85	4.46	3.96	3.37	TK1-L-4.5V
		5DC	250	20	2 0.5		255-1764-5-ND	4.85	4.46	3.96	3.37	TK1-L-5V
		6DC	360	16.7	2 0.5		255-2255-ND NEW!	4.85	4.46	3.96	3.37	TK1-L-6V
		12DC	1,440	8.3	2 0.5		255-1759-5-ND	4.85	4.46	3.96	3.37	TK1-L-12V
		24DC	3,840	6.3	2 0.5		255-1762-5-ND	5.51	5.07	4.50	3.83	TK1-L-24V
TK Series Dual Coil Latching Relays												
13C	SPDT	5DC	125	40	2 0.5	Low Profile	255-1763-5-ND	5.66	5.20	4.62	3.93	TK1-L2-5V
		12DC	576	20.8	2 0.5		255-1760-5-ND	5.66	5.20	4.62	3.93	TK1-L2-12V
		24DC	1,440	16.7	2 0.5		255-1761-5-ND	6.30	5.79	5.14	4.37	TK1-L2-24V
TN Series Low Signal Relays												
14A	DPDT	3DC	64.3	46.7	1 0.5	PC Mount	255-1385-5-ND	3.90	3.58	3.18	2.71	TN2-3V
		4.5DC	145	31.1	1 0.5		255-1765-5-ND	3.90	3.58	3.18	2.71	TN2-4.5V
		5DC	178	28.1	1 0.5		255-1022-5-ND	3.90	3.58	3.18	2.71	TN2-5V
		9DC	579	15.5	1 0.5		255-1386-5-ND	3.90	3.58	3.18	2.71	TN2-9V
		12DC	1,028	11.7	1 0.5		255-1023-5-ND	3.90	3.58	3.18	2.71	TN2-12V
		24DC	2,880	8.3	1 0.5		255-1024-5-ND	4.63	4.26	3.78	3.22	TN2-24V
		48DC	7,680	6.25	1 0.5		255-2256-ND NEW!	6.00	5.52	4.90	4.17	TN2-48V
		TN Series Latching Relays										
14B	DPDT	5DC	250	20	1 0.5	Single Coil	255-2000-ND	4.63	4.26	3.78	3.22	TN2-L-5V
		12DC	1,440	8.3	1 0.5		255-2001-ND	4.63	4.26	3.78	3.22	TN2-L-12V
		24DC	3,840	6.3	1 0.5		255-2002-ND	5.27	4.84	4.30	3.66	TN2-L-24V
		5DC	125	40	1 0.5		255-1025-5-ND	4.85	4.46	3.96	3.37	TN2-L2-5V

Fig. 7

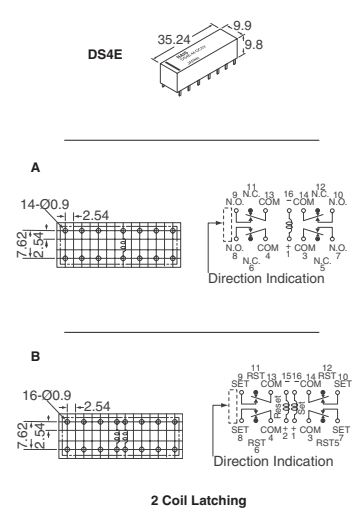


Fig. 8 — DS2Y Series

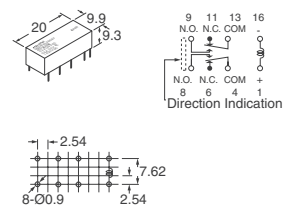


Fig. 9 — HX Series

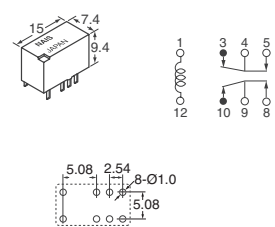
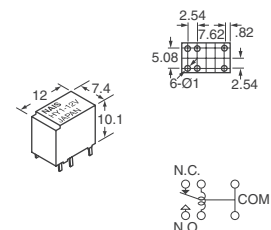


Fig. 10 — HY Series



† Tape and Reel

(Continued)

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Fig. 11 — ASX Series

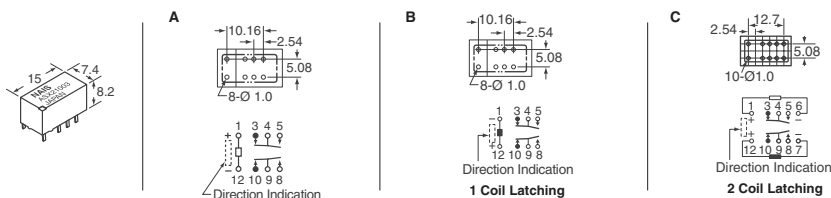


Fig. 12 — ASX Series-SMD

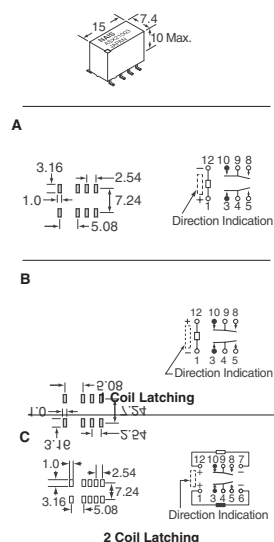


Fig.	Contact Arrang.	Coil Voltage	Coil Resist. (Ω)	Coil Current (mA)	Contact Ratings (A)		Additional Features	Digi-Key Part No.	Price Each				Panasonic Part No.	
					30VDC	125VAC			1	25	50	100		
14C	DPDT	12DC	720	16.7	1	0.5	Dual Coil	255-1026-5-ND	4.85	4.46	3.96	3.37	TN2-L2-12V	
		24DC	1,920	12.5	1	0.5		255-1027-5-ND	5.49	5.04	4.48	3.81	TN2-L2-24V	
TQ Series Low Signal Relays														
15A	DPDT	3DC	64.3	46.7	1	0.5	PC Mount	255-1225-5-ND	2.65	2.43	2.16	1.84	TQ2-3V	
		4.5DC	144	31.1	1	0.5		255-1226-5-ND	2.65	2.43	2.16	1.84	TQ2-4.5V	
		5DC	178	28.1	1	0.5		255-1001-5-ND	2.65	2.43	2.16	1.84	TQ2-5V	
		5DC	178	28.1	1	0.5		255-2257-ND NEW!	2.65	2.43	2.16	1.84	TQ2-5V-3	
		6DC	257	23.3	1	0.5		255-2258-ND NEW!	2.65	2.43	2.16	1.84	TQ2-6V	
	PC Mount	9DC	579	15.50	1	0.5	255-1766-5-ND	2.65	2.43	2.16	1.84	TQ2-9V		
		12DC	1,028	11.7	1	0.5	255-1002-5-ND	2.65	2.43	2.16	1.84	TQ2-12V		
		24DC	2,880	8.3	1	0.5	255-1003-5-ND	3.16	2.91	2.58	2.20	TQ2-24V		
		48DC	7,680	6.25	1	0.5	255-1801-5-ND	4.09	3.76	3.34	2.84	TQ2-48V		
		Self Clinch Term.	5DC	178	28.1	1	0.5	255-2261-ND NEW!	2.65	2.43	2.16	1.84	TQ2H-5V	
12DC	1,028		11.7	1	0.5	255-2259-ND NEW!	2.65	2.43	2.16	1.84	TQ2H-12V			
24DC	2,880		8.3	1	0.5	255-2260-ND NEW!	3.16	2.91	2.58	2.20	TQ2H-24V			
16A	DPDT		1.5DC	16	93.8	2	0.5	SMD Mount	255-1224-5-ND	3.01	2.77	2.46	2.10	TQ2SA-1.5V
			1.5DC	16	93.8	2	0.5		255-1224-2-ND NEW!	3.01	2.77	2.46	2.10	TQ2SA-1.5V-Z
		3DC	64.3	46.7	2	0.5	255-1228-5-ND		3.01	2.77	2.46	2.10	TQ2SA-3V	
		3DC	64.3	46.7	2	0.5	255-1228-2-ND NEW!		3.01	2.77	2.46	2.10	TQ2SA-3V-Z	
		4.5DC	145	31	2	0.5	255-1229-5-ND		3.01	2.77	2.46	2.10	TQ2SA-4.5V	
	SMD Mount	4.5DC	145	31	2	0.5	255-1229-2-ND NEW!		3.01	2.77	2.46	2.10	TQ2SA-4.5V-Z	
		5DC	178	28.1	2	0.5	255-1010-5-ND		3.01	2.77	2.46	2.10	TQ2SA-5V	
		5DC	178	28.1	2	0.5	255-1010-2-ND NEW!		3.01	2.77	2.46	2.10	TQ2SA-5V-Z	
		6DC	257	23.3	2	0.5	255-2265-5-ND NEW!		3.01	2.77	2.46	2.10	TQ2SA-6V	
		12DC	1,028	11.7	2	0.5	255-1011-5-ND		3.01	2.77	2.46	2.10	TQ2SA-12V	
DPDT	12DC	1,028	11.7	2	0.5	255-1011-2-ND NEW!	3.01	2.77	2.46	2.10	TQ2SA-12V-Z			
	24DC	2,880	8.3	2	0.5	255-1012-5-ND	3.58	3.29	2.92	2.49	TQ2SA-24V			
	24DC	2,880	8.3	2	0.5	255-2263-2-ND NEW!	1095.00/500				TQ2SA-24V-Z			
	24DC	2,880	8.3	2	0.5	255-2262-2-ND NEW!	1095.00/500				TQ2SA-24V-X			
	48DC	7,680	6.3	2	0.5	255-2264-5-ND NEW!	4.61	4.23	3.76	3.20	TQ2SA-48V			
16B	DPDT	3DC	64.3	46.7	2	0.5	SMD Mount	255-2271-5-ND NEW!	3.01	2.77	2.46	2.10	TQ2SL-3V	
		3DC	64.3	46.7	2	0.5		255-2271-2-ND NEW!	3.01	2.77	2.46	2.10	TQ2SL-3V-Z	
		5DC	178	28.1	2	0.5		255-2272-5-ND NEW!	3.01	2.77	2.46	2.10	TQ2SL-5V	
		12DC	1,028	11.7	2	0.5		255-2269-2-ND NEW!	3.58	3.29	2.92	2.49	TQ2SL-12V-Z	
		24DC	2,880	8.3	2	0.5		255-2270-5-ND NEW!	3.58	3.29	2.92	2.49	TQ2SL-24V	
	SMD Mount	1.5DC	16	93.8	2	0.5		255-2280-5-ND NEW!	3.01	2.77	2.46	2.10	TQ2SS-1.5V	
		1.5DC	16	93.8	2	0.5		255-2282-5-ND NEW!	3.01	2.77	2.46	2.10	TQ2SS-4.5V	
		5DC	178	28.1	2	0.5		255-2283-5-ND NEW!	3.01	2.77	2.46	2.10	TQ2SS-5V	
		12DC	1,028	11.7	2	0.5		255-2279-5-ND NEW!	3.01	2.77	2.46	2.10	TQ2SS-12V	
		24DC	2,880	8.3	2	0.5		255-2281-5-ND NEW!	3.58	3.29	2.92	2.49	TQ2SS-24V	
DPDT	5DC	357	14	2	0.5	SMD Mount	255-2284-5-ND NEW!	3.58	3.29	2.92	2.49	TQ2SS-L-5V		
	5DC	357	14	2	0.5		255-2284-2-ND NEW!	1095.00/500				TQ2SS-L-5V-Z		
	24DC	5,760	4.2	2	0.5		255-2273-5-ND NEW!	3.94	3.63	3.22	2.74	TQ2SL-L-24V		
	1.5DC	16	93.8	2	0.5		255-2275-5-ND NEW!	3.75	3.45	3.06	2.61	TQ2SL-L2-1.5V		
	4.5DC	145	31	2	0.5		255-2277-5-ND NEW!	3.75	3.45	3.06	2.61	TQ2SL-L2-4.5V		
16C	DPDT	5DC	178	28.1	2	0.5	2 Coil Latching	255-2278-5-ND NEW!	3.75	3.45	3.06	2.61	TQ2SL-L2-5V	
		12DC	1,028	11.7	2	0.5		255-2274-5-ND NEW!	3.75	3.45	3.06	2.61	TQ2SL-L2-12V	
		24DC	2,880	8.3	2	0.5		255-2276-5-ND NEW!	4.19	3.85	3.42	2.91	TQ2SL-L2-24V	
		1.5DC	16	93.8	2	0.5		255-2286-5-ND NEW!	3.75	3.45	3.06	2.61	TQ2SS-L-1.5V	
		3DC	64.3	46.7	2	0.5		255-2288-5-ND NEW!	3.75	3.45	3.06	2.61	TQ2SS-L-3V	
17A	4PDT	5DC	178	28.1	2	0.5	PC Mount	255-2289-5-ND NEW!	3.75	3.45	3.06	2.61	TQ2SS-L-5V-X	
		12DC	1,028	11.7	2	0.5		255-2289-2-ND NEW!	1147.50/500				TQ2SS-L-12V	
		24DC	2,880	8.3	2	0.5		255-2285-5-ND NEW!	3.75	3.45	3.06	2.61	TQ2SS-L-24V	
		3DC	32	93.8	1	0.5		255-1890-ND	17.64	16.20	14.40	12.24	TQ4-3V	
		4.5DC	72.3	62.2	1	0.5		255-1777-5-ND	17.64	16.20	14.40	12.24	TQ4-4.5V	
15B	DPDT	5DC	89	56.2	1	0.5	PC Mount	255-1013-5-ND	17.64	16.20	14.40	12.24	TQ4-5V	
		5DC	89	56.2	1	0.5		255-2290-5-ND NEW!	17.64	16.20	14.40	12.24	TQ4-5V-3	
		12DC	514	23.3	1	0.5		255-1014-5-ND	17.64	16.20	14.40	12.24	TQ4-12V	
		24DC	2,056	11.7	1	0.5		255-1015-5-ND	19.11	17.55	15.60	13.26	TQ4-24V	
		48DC	5,760	8.3	1	0.5		255-1891-ND	21.49	19.74	17.54	14.91	TQ4-48V	
TQ Series Single Coil Latching Relays														
15B	DPDT	3DC	90	33.3	1	0.5	PC Mount	255-1492-5-ND	3.16	2.91	2.58	2.20	TQ2-L-3V	
		4.5DC	202.5	22.2	1	0.5		255-1769-5-ND	3.16	2.91	2.58	2.20	TQ2-L-4.5V	
		5DC	250	20	1	0.5		255-1004-5-ND	3.16	2.91	2.58	2.20	TQ2-L-5V	
		12DC	1,440	8.3	1	0.5		255-1005-5-ND	3.16	2.91	2.58	2.20	TQ2-L-12V	
		24DC	3,840	12.5	1	0.5		255-1006-5-ND	3.58	3.29	2.92	2.49	TQ2-L-24V	
16B	DPDT	4.5DC	289.3	15.6	2	0.5	SMT Mount	255-2266-5-ND NEW!	3.58	3.29	2.92	2.49	TQ2SA-L-4.5V	
		5DC	357	14	2	0.5		255-1776-5-ND	3.58	3.29	2.92	2.49	TQ2SA-L-5V	
		5DC	357	14	2	0.5		255-1776-2-ND NEW!	1095.00/500				TQ2SA-L-5V-X	
		12DC	2,057	5.8	2	0.5		255-1770-5-ND	3.58	3.29	2.92	2.49	TQ2SA-L-12V	
		24DC	5,760	4.2	2	0.5		255-1774-5-ND	4.04	3.72	3.30	2.81	TQ2SA-L-24V	
TQ Series Dual Coil Latching Relays														
15C	DPDT	3DC	45	66.7	1	0.5	PC Mount	255-1767-5-ND	3.31	3.04	2.70	2.30	TQ2-L2-3V	
		4.5DC	101.2	44.4	1	0.5		255-1768-5-ND	3.31	3.04	2.70	2.30	TQ2-L2-4.5V	
		5DC	125	40	1	0.5		255-1007-5-ND	3.31	3.04	2.70	2.30	TQ2-L2-5V	
		9DC	405	22.2	1	0.5		255-1355-5-ND	3.31	3.04	2.70	2.30	TQ2-L2-9V	
		12DC	720	16.7	1	0.5		255-1008-5-ND	3.31	3.04	2.70	2.30	TQ2-L2-12V	
		24DC	1,920	12.5	1	0.5		255-1009-5-ND	3.75	3.45	3.06	2.61	TQ2-L2-24V	

Fig. 13 — TK Series

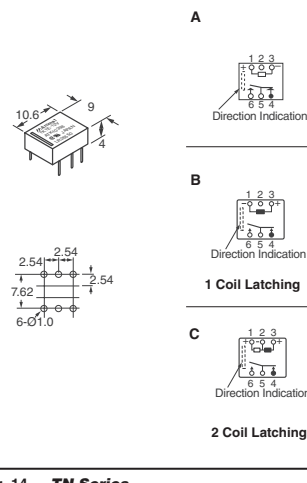
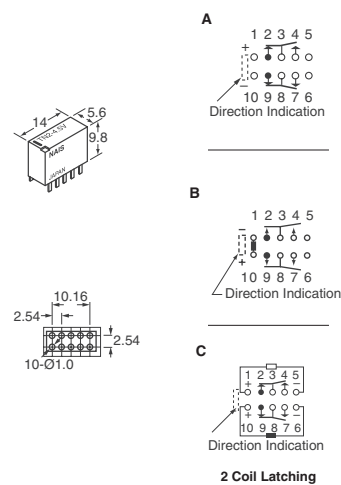


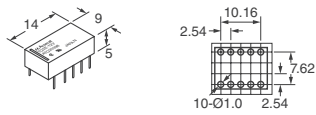
Fig. 14 — TN Series



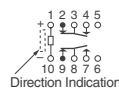
† Tape and Reel

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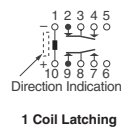
Fig. 15 — TQ Series-TQ2



A



B



C

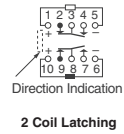


Fig.	Contact Arrange.	Coil Voltage	Coil Resist. (Ω)	Coil Current (mA)	Contact Ratings (A) 30VDC 125VAC	Additional Features	Dig-Key Part No.	Price Each			Panasonic Part No.					
								1	25	50		100				
16C	DPDT	3DC	64.3	46.7	2	0.5	SMT Mount	255-2267-5-ND NEW!	3.75	3.45	3.06	2.61	TQ2SA-L2-3V			
		4.5DC	145	31	2	0.5		255-1773-5-ND	3.75	3.45	3.06	2.61	TQ2SA-L2-4.5V			
		5DC	178	28.1	2	0.5		255-1775-5-ND	3.75	3.45	3.06	2.61	TQ2SA-L2-5V			
		5DC	178	28.1	2	0.5		255-1775-2-ND NEW!			1147.50/500		TQ2SA-L2-5V-Z			
		9DC	579	15.5	2	0.5		255-2268-5-ND NEW!	3.75	3.45	3.06	2.61	TQ2SA-L2-9V			
		12DC	1,028	11.7	2	0.5		255-1771-5-ND	3.75	3.45	3.06	2.61	TQ2SA-L2-12V			
		12DC	1,028	11.7	2	0.5		255-1771-2-ND NEW!			1147.50/500		TQ2SA-L2-12V-Z			
		24DC	2,880	8.3	2	0.5		255-1772-5-ND	4.19	3.85	3.42	2.91	TQ2SA-L2-24V			
17B	4PDT	4.5DC	50.6	88.9	1	0.5	PC Mount	255-1779-5-ND	21.09	19.38	17.22	14.64	TQ4-L2-4.5V			
		5DC	62.5	80	1	0.5		255-1780-5-ND	21.09	19.38	17.22	14.64	TQ4-L2-5V			
		12DC	360	33.3	1	0.5		255-1493-5-ND	21.09	19.38	17.22	14.64	TQ4-L2-12V			
		24DC	1,440	16.7	1	0.5		255-1778-5-ND	22.54	20.70	18.40	15.64	TQ4-L2-24V			
TX Series Low Signal Relays																
18A	DPDT	3DC	64.3	46.7	2	0.5	PC Mount	255-2294-5-ND NEW!	2.92	2.68	2.38	2.03	TX2-H-3V			
		4.5DC	145	31	2	0.5		255-1894-ND	2.92	2.68	2.38	2.03	TX2-H-4.5V			
		5DC	178	28.1	2	0.5		255-2295-5-ND NEW!	2.92	2.68	2.38	2.03	TX2-H-5V			
		12DC	1,028	11.7	2	0.5		255-2292-5-ND NEW!	2.92	2.68	2.38	2.03	TX2-H-12V			
		24DC	4,114	5.8	2	0.5		255-2293-5-ND NEW!	3.45	3.18	2.82	2.40	TX2-H-24V			
		3DC	64.3	46.7	2	0.5		255-1893-ND	2.92	2.68	2.38	2.03	TX2-3V			
18B	DPDT	4.5DC	145	31	2	0.5	1 Coil Latching	255-1781-5-ND	2.92	2.68	2.38	2.03	TX2-4.5V			
		5DC	178	28.1	2	0.5		255-1031-5-ND	2.92	2.68	2.38	2.03	TX2-5V			
		9DC	579	15.5	2	0.5		255-2291-5-ND NEW!	2.92	2.68	2.38	2.03	TX2-9V			
		12DC	1,028	11.7	2	0.5		255-1032-5-ND	2.92	2.68	2.38	2.03	TX2-12V			
		24DC	4,114	5.8	2	0.5		255-1033-5-ND	3.45	3.18	2.82	2.40	TX2-24V			
		48DC	8,533	5.6	2	0.5		255-1494-5-ND	4.48	4.12	3.66	3.12	TX2-48V			
188	DPDT	3DC	90	33.3	2	0.5	1 Coil Latching	255-2297-5-ND NEW!	3.45	3.18	2.82	2.40	TX2-L-3V			
		5DC	250	20	2	0.5		255-2298-5-ND NEW!	3.45	3.18	2.82	2.40	TX2-L-5V			
		9DC	810	11.1	2	0.5		255-2299-5-ND NEW!	3.45	3.18	2.82	2.40	TX2-L-9V			
		24DC	5,760	4.2	2	0.5		255-2296-5-ND NEW!	3.94	3.63	3.22	2.74	TX2-L-24V-1			
TXS Series High Sensitivity Relays																
19A	DPDT	4.5DC	405	11.1	1	—	PC Mount	255-1897-ND	3.65	3.36	2.98	2.54	TXS2-H-4.5V			
		3DC	180	16.7	1	—		255-1988-ND	3.65	3.36	2.98	2.54	TXS2-3V			
		4.5DC	405	11.1	1	—		255-1896-ND	3.65	3.36	2.98	2.54	TXS2-4.5V			
		6DC	720	8.3	1	—		255-2335-5-ND NEW!	3.65	3.36	2.98	2.54	TXS2-6V			
		9DC	1,620	5.6	1	—		255-2336-5-ND NEW!	3.65	3.36	2.98	2.54	TXS2-9V			
		12DC	2,880	4.2	1	—		255-1895-ND	3.65	3.36	2.98	2.54	TXS2-12V			
19B	DPDT	3DC	257	11.7	1	—	PC Mount	255-2334-5-ND NEW!	4.29	3.94	3.50	2.98	TXS2-24V			
		4.5DC	579	7.8	1	—		255-1899-ND	4.17	3.83	3.40	2.89	TXS2-L-3V			
		12DC	4,114	2.9	1	—		255-1900-ND	4.17	3.83	3.40	2.89	TXS2-L-4.5V			
19C	DPDT	3DC	129	23.3	1	—	2 Coil Latching	255-1898-ND	4.17	3.83	3.40	2.89	TXS2-L-12V			
		4.5DC	289	15.6	1	—		255-2339-5-ND NEW!	4.29	3.94	3.50	2.98	TXS2-L2-3V			
		12DC	2,057	5.8	1	—		255-2340-5-ND NEW!	4.29	3.94	3.50	2.98	TXS2-L2-4.5V			
		24DC	3,840	6.3	1	—		255-2337-5-ND NEW!	4.29	3.94	3.50	2.98	TXS2-L2-12V			
							255-2338-5-ND NEW!	4.29	3.94	3.50	2.98	TXS2-L2-24V				
TX Series SMT Signal Relays																
20A	DPDT	3DC	64.3	46.7	2	0.5	SMT Mount	255-1787-5-ND	3.01	2.77	2.46	2.10	TX2SA-3V			
		3DC	64.3	46.7	2	0.5		255-1787-2-ND NEW!			922.50/500		TX2SA-3V-Z			
		4.5DC	145	31	2	0.5		255-1788-5-ND	3.01	2.77	2.46	2.10	TX2SA-4.5V			
		4.5DC	145	31	2	0.5		255-1788-2-ND NEW!			922.50/500		TX2SA-4.5V-Z			
		5DC	178	28.1	2	0.5		255-1034-5-ND	3.01	2.77	2.46	2.10	TX2SA-5V			
		5DC	178	28.1	2	0.5		255-2301-2-ND NEW!			922.50/500		TX2SA-5V-X			
		5DC	178	28.1	2	0.5		255-2302-2-ND NEW!			922.50/500		TX2SA-5V-Z			
		12DC	1,028	11.7	2	0.5		255-1035-5-ND	3.01	2.77	2.46	2.10	TX2SA-12V			
		12DC	1,028	11.7	2	0.5		255-1035-2-ND NEW!			922.50/500		TX2SA-12V-Z			
		24DC	4,114	5.8	2	0.5		255-1036-5-ND	3.55	3.27	2.90	2.47	TX2SA-24V			
		24DC	4,114	5.8	2	0.5		255-1036-2-ND NEW!			1087.50/500		TX2SA-24V-Z			
20C	DPDT	4.5DC	202.5	22.2	2	0.5	1 Coil Latching	255-2304-2-ND NEW!			1087.50/500		TX2SA-L-4.5V-Z			
		24DC	5,760	4.2	2	0.5		255-2303-5-ND NEW!	4.04	3.72	3.30	2.81	TX2SA-L-24V			
20A	DPDT	3DC	64.3	46.7	2	—	1 Coil Latching	255-2311-5-ND NEW!	3.01	2.77	2.46	2.10	TX2SL-3V			
		3DC	64.3	46.7	2	—		255-2311-2-ND NEW!			922.50/500		TX2SL-3V-Z			
		4.5DC	145	31	2	—		255-2312-5-ND NEW!	3.01	2.77	2.46	2.10	TX2SL-4.5V			
		4.5DC	145	31	2	—		255-2312-2-ND NEW!			922.50/500		TX2SL-4.5V-Z			
		5DC	178	28.1	2	—		255-2313-5-ND NEW!	3.01	2.77	2.46	2.10	TX2SL-5V			
		5DC	178	28.1	2	—		255-2313-2-ND NEW!			922.50/500		TX2SL-5V-Z			
		12DC	1,028	11.7	2	—		255-2309-5-ND NEW!	3.01	2.77	2.46	2.10	TX2SL-12V			
		24DC	4,114	5.8	2	—		255-2310-5-ND NEW!	3.55	3.27	2.90	2.47	TX2SL-24V			
		24DC	4,114	5.8	2	—		255-2310-2-ND NEW!			1087.50/500		TX2SL-24V-Z			
		20A	DPDT	3DC	64.3	46.7		2	—	SMT Mount	255-2316-5-ND NEW!	3.01	2.77	2.46	2.10	TX2SS-3V
				4.5DC	145	31		2	—		255-2318-5-ND NEW!	3.01	2.77	2.46	2.10	TX2SS-4.5V
				4.5DC	145	31		2	—		255-2318-2-ND NEW!			922.50/500		TX2SS-4.5V-Z
				5DC	178	28.1		2	—		255-2319-5-ND NEW!	3.01	2.77	2.46	2.10	TX2SS-5V
12DC	1,028			11.7	2	—	255-2314-5-ND NEW!	3.01	2.77		2.46	2.10	TX2SS-12V			
24DC	4,114			5.8	2	—	255-2315-5-ND NEW!	3.55	3.27		2.90	2.47	TX2SS-24V			
48DC	8,533			5.6	2	—	255-2317-5-ND NEW!	4.63	4.26		3.78	3.22	TX2SS-48V			
TX Series Dual Coil Latching Relays																
188	DPDT	4.5DC	101.2	44.5	2	—	2 Coil Latching	255-1784-5-ND	3.65	3.36	2.98	2.54	TX2-L2-4.5V			
		5DC	125	40	2	—		255-1785-5-ND	3.65	3.36	2.98	2.54	TX2-L2-5V			

Fig. 16 — TQ Series-SMD

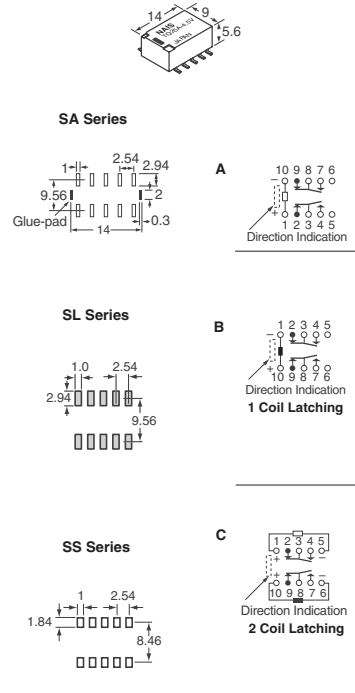
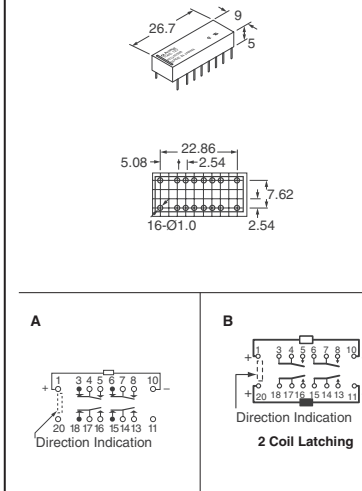


Fig. 17 — TQ Series-TQ4



† Tape and Reel

(Continued)

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Fig. 18 — TX and TXS Series - PCB

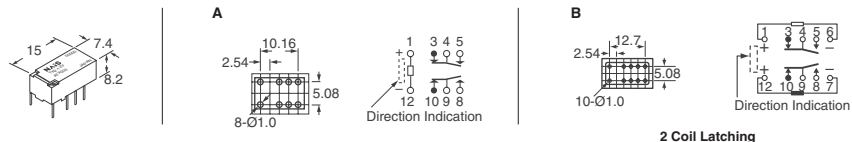


Fig. 19 — TXS Series

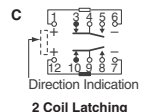
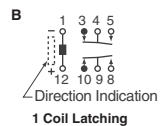
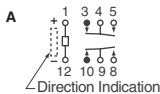
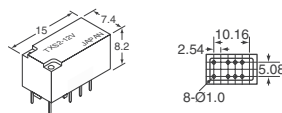


Fig.	Contact Arrange.	Coil Voltage	Coil Resist. (Ω)	Coil Current (mA)	Contact Ratings (A)		Additional Features	Dig-Key Part No.	Price Each				Panasonic Part No.				
					30VDC	125VAC			1	25	50	100					
18B	DPDT	5DC	125	40	2	—	2 Coil Latching	255-2300-5-ND NEW!	3.65	3.36	2.98	2.54	TX2-L2-5V-1 TX2-L2-9V TX2-L2-12V TX2-L2-24V				
		9DC	405	22.2	2	—		255-1786-5-ND	3.65	3.36	2.98	2.54					
		12DC	720	16.7	2	—		255-1782-5-ND	3.65	3.36	2.98	2.54					
		24DC	2,880	8.3	2	—		255-1783-5-ND	4.09	3.76	3.34	2.84					
20C	DPDT	1.5DC	11.2	133.9	2	—	SMT Mount	255-2305-5-ND NEW!	3.75	3.45	3.06	2.61	TX2SA-L2-1.5V TX2SA-L2-3V TX2SA-L2-4.5V TX2SA-L2-5V TX2SA-L2-5V-Z				
		3DC	45	66.7	2	—		255-2306-5-ND NEW!	3.75	3.45	3.06	2.61					
		4.5DC	101.2	44.5	2	—		255-2307-5-ND NEW!	4.41	4.05	3.60	3.06					
		5DC	125	40	2	—		255-1790-5-ND	3.75	3.45	3.06	2.61					
		5DC	125	40	2	—		255-1790-2-ND NEW!	1147.50/500	—	—	—		—			
		6DC	180	33.3	2	—		255-2308-5-ND NEW!	3.75	3.45	3.06	2.61		TX2SA-L2-6V TX2SA-L2-6V-X TX2SA-L2-12V TX2SA-L2-24V			
	6DC	180	33.3	2	—	255-2308-2-ND NEW!	1147.50/500	—	—	—	—						
	12DC	720	16.7	2	—	255-1495-5-ND	3.75	3.45	3.06	2.61							
	24DC	2,880	8.3	2	—	255-1789-5-ND	4.19	3.85	3.42	2.91							
	TXS Series High Sensitivity Relays																
20A	DPDT	3DC	180	16.7	1	—	SMT Mount	255-2341-5-ND NEW!	3.75	3.45	3.06	2.61	TXS2SA-3V TXS2SA-3V-Z TXS2SA-4.5V TXS2SA-4.5V-Z TXS2SA-6V TXS2SA-9V TXS2SA-12V TXS2SA-12V-Z TXS2SA-24V TXS2SA-24V-Z				
		3DC	180	16.7	1	—		255-2341-2-ND NEW!	1147.50/500	—	—	—					
		4.5DC	405	11.1	1	—		255-1393-5-ND	3.75	3.45	3.06	2.61					
		4.5DC	405	11.1	1	—		255-1393-2-ND NEW!	1147.50/500	—	—	—					
		6DC	720	8.3	1	—		255-1901-ND	3.75	3.45	3.06	2.61					
		9DC	1,620	5.6	1	—		255-1902-ND	3.75	3.45	3.06	2.61					
		12DC	2,880	4.2	1	—		255-1394-5-ND	3.75	3.45	3.06	2.61					
		12DC	2,880	4.2	1	—		255-1394-2-ND NEW!	1147.50/500	—	—	—					
		24DC	8,229	2.9	1	—		255-1395-5-ND	4.43	4.08	3.62	3.08					
		24DC	8,229	2.9	1	—		255-1395-2-ND NEW!	1357.50/500	—	—	—					
20C	DPDT	3DC	129	23.3	1	—	2 Coil Latching	255-2347-5-ND NEW!	4.43	4.08	3.62	3.08	TXS2SA-L2-3V TXS2SA-L2-3V-Z TXS2SA-L2-4.5V TXS2SA-L2-4.5V-Z TXS2SA-L2-12V TXS2SA-L2-12V-Z TXS2SA-L2-24V TXS2SA-L2-24V-Z				
		3DC	129	23.3	1	—		255-2347-2-ND NEW!	1357.50/500	—	—	—					
		4.5DC	289	15.6	1	—		255-2348-5-ND NEW!	4.43	4.08	3.62	3.08					
		4.5DC	289	15.6	1	—		255-2348-2-ND NEW!	1357.50/500	—	—	—					
		12DC	2,057	5.8	1	—		255-2345-5-ND NEW!	4.43	4.08	3.62	3.08					
		12DC	2,057	5.8	1	—		255-2345-2-ND NEW!	1357.50/500	—	—	—					
		24DC	3,840	6.3	1	—		255-2346-5-ND NEW!	5.02	4.62	4.10	3.49					
		24DC	3,840	6.3	1	—		255-2346-2-ND NEW!	1537.50/500	—	—	—					
		20B	DPDT	4.5DC	579	7.8		1	—	1 Coil Latching	255-2343-5-ND NEW!	4.26		3.92	3.48	2.96	TXS2SA-L-4.5V TXS2SA-L-4.5V-Z TXS2SA-L-24V TXS2SA-L-24V-Z
				4.5DC	579	7.8		1	—		255-2343-2-ND NEW!	1147.50/500		—	—	—	
24DC	11,520			2.1	1	—	255-2342-5-ND NEW!	4.75	4.37		3.88	3.30					
24DC	11,520			2.1	1	—	255-2342-2-ND NEW!	1455.00/500	—		—	—					
20A	DPDT	3DC	180	16.7	1	—	Long SMT	255-2351-5-ND NEW!	3.75	3.45	3.06	2.61	TXS2SL-3V TXS2SL-3V-Z TXS2SL-4.5V TXS2SL-4.5V-Z TXS2SL-12V TXS2SL-12V-Z TXS2SL-24V TXS2SL-24V-Z				
		3DC	180	16.7	1	—		255-2351-2-ND NEW!	1147.50/500	—	—	—					
		4.5DC	405	11.1	1	—		255-2352-5-ND NEW!	3.75	3.45	3.06	2.61					
		4.5DC	405	11.1	1	—		255-2352-2-ND NEW!	1147.50/500	—	—	—					
		12DC	2,880	4.2	1	—		255-2349-5-ND NEW!	3.75	3.45	3.06	2.61					
		12DC	2,880	4.2	1	—		255-2349-2-ND NEW!	1147.50/500	—	—	—					
		24DC	8,229	2.9	1	—		255-2350-5-ND NEW!	4.41	4.05	3.60	3.06					
		24DC	8,229	2.9	1	—		255-2350-2-ND NEW!	1350.00/500	—	—	—					
		20A	DPDT	1.5DC	45	33.3	1	—	Short SMT	255-2354-5-ND NEW!	3.75	3.45	3.06	2.61	TXS2SS-1.5V TXS2SS-1.5V-X TXS2SS-1.5V-Z TXS2SS-3V TXS2SS-3V-Z TXS2SS-4.5V TXS2SS-4.5V-Z TXS2SS-12V TXS2SS-12V-Z TXS2SS-24V TXS2SS-24V-Z		
				1.5DC	45	33.3	1	—		255-2355-2-ND NEW!	1147.50/500	—	—	—			
				1.5DC	45	33.3	1	—		255-2356-2-ND NEW!	1147.50/500	—	—	—			
				3DC	180	16.7	1	—		255-2358-5-ND NEW!	3.75	3.45	3.06	2.61			
				3DC	180	16.7	1	—		255-2358-2-ND NEW!	1147.50/500	—	—	—			
				4.5DC	405	11.1	1	—		255-2359-5-ND NEW!	3.75	3.45	3.06	2.61			
				4.5DC	405	11.1	1	—		255-2359-2-ND NEW!	1147.50/500	—	—	—			
				12DC	2,880	4.2	1	—		255-2353-5-ND NEW!	3.75	3.45	3.06	2.61			
19A	DPDT	3DC	45	66.7	2	—	SMT Mount	255-2322-5-ND	3.75	3.45	3.06	2.61	TXD2-3V TXD2-4.5V TXD2-5V TXD2-12V TXD2-24V				
		4.5DC	101	44.4	2	—		255-2323-5-ND	3.75	3.45	3.06	2.61					
		5DC	125	40.0	2	—		255-2324-5-ND	3.75	3.45	3.06	2.61					
		12DC	720	16.7	2	—		255-2320-5-ND	3.75	3.45	3.06	2.61					
		24DC	2,504	9.6	2	—		255-2321-5-ND	4.26	3.92	3.48	2.96					
		21A	DPDT	5DC	125	40.0		2	—	SMT Mount	255-2327-5-ND	3.87		3.56	3.16	2.69	TXD2SA-5V TXD2SA-5V-Z TXD2SA-12V TXD2SA-12V-Z TXD2SA-24V
				5DC	125	40.0		2	—		255-2327-2-ND NEW!	1185.00/500		—	—	—	
				12DC	720	16.7		2	—		255-2325-5-ND	3.87		3.56	3.16	2.69	
				12DC	720	16.7		2	—		255-2325-2-ND NEW!	1185.00/500		—	—	—	
				24DC	2,504	9.6		2	—		255-2326-5-ND	4.41		4.05	3.60	3.06	
21B	DPDT	5DC	166	30.0	2	—	1 Coil Latching	255-2330-5-ND	4.34	3.99	3.54	3.01	TXD2SL-L-5V TXD2SL-L-5V-Z TXD2SL-L-12V TXD2SL-L-12V-Z TXD2SL-L-24V TXD2SL-L-24V-Z				
		5DC	166	30.0	2	—		255-2330-2-ND NEW!	1327.50/500	—	—	—					
		12DC	960	12.5	2	—		255-2328-5-ND	4.34	3.99	3.54	3.01					
		12DC	960	12.5	2	—		255-2328-2-ND NEW!	1327.50/500	—	—	—					
		24DC	3,388	7.1	2	—		255-2329-5-ND	4.75	4.37	3.88	3.30					
21A	DPDT	5DC	125	40.0	2	—	Short SMD	255-2333-5-ND	3.87	3.56	3.16	2.69	TXD2SS-5V TXD2SS-5V-Z TXD2SS-12V TXD2SS-12V-Z TXD2SS-24V TXD2SS-24V-Z				
		5DC	125	40.0	2	—		255-2333-2-ND NEW!	1185.00/500	—	—	—					
		12DC	720	16.7	2	—		255-2331-5-ND	3.87	3.56	3.16	2.69					
		12DC	720	16.7	2	—		255-2331-2-ND NEW!	1185.00/500	—	—	—					
		24DC	2,504	9.6	2	—		255-2332-5-ND	4.41	4.05	3.60	3.06					
		24DC	2,504	9.6	2	—		255-2332-2-ND NEW!	1350.00/500	—	—	—					

Fig. 20 — TX and TXS Series-SMD

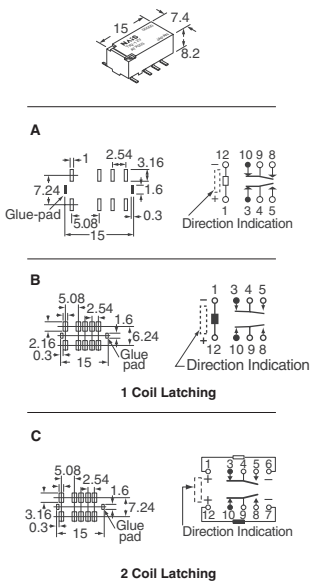
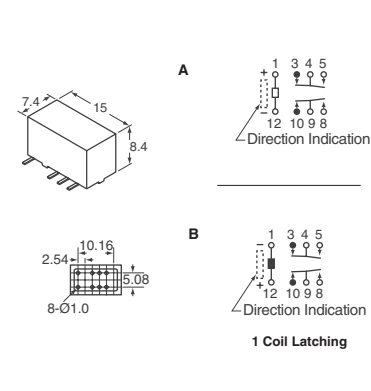


Fig. 21 — TXD Series **NEW!**



† Tape and Reel