

Ultra-Small PCB Signal Relays

DK Series — Small Sized High Sensitivity Relay — NEW —

Nominal Switching Capacity: 10 A 250 VAC (1a). High breakdown voltage. Breakdown Voltage: Between open contacts — 1000 Vrms; Between contacts and coil — 4000 Vrms. UL/CSA.

1 Form A, Single Side Stable

| Stock No. | Mfr.'s Type | Volts (DC) | Coil (Ω) | Power (mW) | EACH |       |
|-----------|-------------|------------|----------|------------|------|-------|
|           |             |            |          |            | 1-49 | 50-99 |
| 788-0085  | DK1A-5V     | 5          | 125      | 200        | 6.82 | 5.58  |
| 788-0090  | DK1A-12V    | 12         | 720      | 200        | 6.82 | 5.58  |
| 788-0095  | DK1A-24V    | 24         | 2880     | 200        | 6.82 | 5.58  |

2 Form A, Single Side Stable

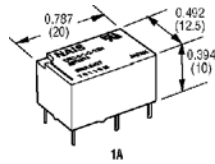
|          |          |    |      |     |       |      |
|----------|----------|----|------|-----|-------|------|
| 788-0100 | DK2A-5V  | 5  | 125  | 200 | 9.97  | 8.16 |
| 788-0105 | DK2A-12V | 12 | 720  | 200 | 10.02 | 8.20 |
| 788-0110 | DK2A-24V | 24 | 2880 | 200 | 10.02 | 8.20 |

1 Form A 1 Form B, Single Side Stable

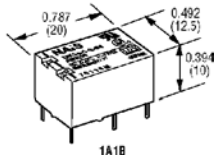
|          |            |    |      |     |       |      |
|----------|------------|----|------|-----|-------|------|
| 788-0115 | DK1A1B-5V  | 5  | 125  | 200 | 10.02 | 8.20 |
| 788-0120 | DK1A1B-12V | 12 | 720  | 200 | 10.02 | 8.20 |
| 788-0125 | DK1A1B-24V | 24 | 2880 | 200 | 10.02 | 8.20 |

1 Form A 1 Form B, 2 Coil Latching

|          |               |    |     |     |       |      |
|----------|---------------|----|-----|-----|-------|------|
| 788-0130 | DK1A1B-L2-12V | 12 | 720 | 200 | 11.99 | 9.81 |
|----------|---------------|----|-----|-----|-------|------|

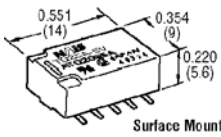


1A

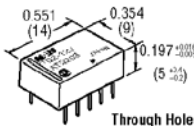


1A1B

TQ Series  
Ultra-Small High Sensitivity Relays



Surface Mount



Through Hole

Polarized. High Sensitivity: 2 Form C — 140 mW (single side stable); 4 Form C available with 280 mW power consumption (single side stable). Surge Voltage Withstand: 1500 V. Sealed construction allows auto. Dip-washing. Self-clinching terminals also available. UL/CSA 1 and 2 coil latching units available. Through hole and surface mount versions.

Single Side Stable, Through Hole

| Stock No. | Mfr.'s Type | Volts (DC) | Coil (Ω) | Power (mW) | EACH |       |
|-----------|-------------|------------|----------|------------|------|-------|
|           |             |            |          |            | 1-49 | 50-99 |
| 788-1222  | TQ2-4.5V    | 4.5        | 144.6    | 140        | 2.63 | 1.85  |
| 788-1024  | TQ2-5V      | 5.0        | 178.0    | 140        | 2.63 | 1.85  |
| 788-1223  | TQ2-9V      | 9.0        | 579.0    | 140        | 2.63 | 1.85  |
| 788-1023  | TQ2-12V     | 12.0       | 1028.0   | 140        | 2.63 | 1.85  |
| 788-1224  | TQ2-24V     | 24.0       | 2880.0   | 200        | 3.15 | 2.20  |

Single Side Stable, Surface Mount, A Type

|          |             |      |        |     |      |      |
|----------|-------------|------|--------|-----|------|------|
| 788-1028 | TQ2SA-5V    | 5.0  | 178.0  | 140 | 3.26 | 2.28 |
| 788-1026 | TQ2SA-12V   | 12.0 | 1028.0 | 140 | 3.00 | 2.10 |
| 788-1027 | TQ2SA-24V   | 24.0 | 2880.0 | 200 | 3.55 | 2.49 |
| 788-1228 | TQ2SA-L-5V  | 5.0  | 357.0  | 70  | 3.55 | 2.49 |
| 788-1229 | TQ2SA-L-24V | 24.0 | 5760.0 | 100 | 4.04 | 2.83 |

2 Coil Latching, Through Hole

|          |            |      |        |     |      |      |
|----------|------------|------|--------|-----|------|------|
| 788-1025 | TQ2-L2-5V  | 5.0  | 125.0  | 200 | 3.30 | 2.31 |
| 788-1226 | TQ2-L2-12V | 12.0 | 720.0  | 200 | 3.30 | 2.31 |
| 788-1227 | TQ2-L2-24V | 24.0 | 1920.0 | 300 | 3.72 | 2.61 |

2 Coil Latching, Surface Mount, A Type

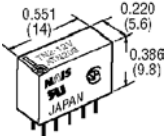
|          |              |      |        |     |      |      |
|----------|--------------|------|--------|-----|------|------|
| 788-1029 | TQ2SA-L2-5V  | 5.0  | 178.0  | 140 | 3.72 | 2.61 |
| 788-1230 | TQ2SA-L2-12V | 12.0 | 1028.0 | 140 | 3.72 | 2.61 |
| 788-1231 | TQ2SA-L2-24V | 24.0 | 2880.0 | 200 | 4.18 | 2.93 |

1 Coil Latching, Through Hole

|          |          |     |       |     |      |      |
|----------|----------|-----|-------|-----|------|------|
| 788-1225 | TQ2-L-5V | 5.0 | 250.0 | 100 | 3.30 | 2.32 |
|----------|----------|-----|-------|-----|------|------|

Type TN  
Ultra-Slim  
High Sensitivity Relays

Ultra-slim, polarized. Surge Voltage Withstand: 1500 V. Excellent vibration/shock resistance. 2 Form C. Ambient Temperature: -40°C to +70°C. Maximum Switching Power: 30 W, 62.5 VA. Coil input. UL/CSA. 1 coil and 2 coil latching models available.



Single Side Stable

| Stock No. | Mfr.'s Type | Volts (DC) | Coil (Ω) | Power (mW) | EACH |       |
|-----------|-------------|------------|----------|------------|------|-------|
|           |             |            |          |            | 1-49 | 50-99 |
| 788-1212  | TN2-3V      | 3.0        | 64.3     | 140        | 3.88 | 2.63  |
| 788-1213  | TN2-4.5V    | 4.5        | 145.0    | 140        | 3.88 | 2.72  |
| 788-1022  | TN2-5V      | 5.0        | 178.0    | 140        | 3.88 | 2.72  |
| 788-1214  | TN2-6V      | 6.0        | 257.0    | 140        | 3.88 | 2.72  |
| 788-1215  | TN2-9V      | 9.0        | 579.0    | 140        | 3.88 | 2.72  |
| 788-1020  | TN2-12V     | 12.0       | 1028.0   | 140        | 3.88 | 2.72  |
| 788-1021  | TN2-24V     | 24.0       | 2880.0   | 200        | 4.60 | 3.22  |

1 Coil Latching

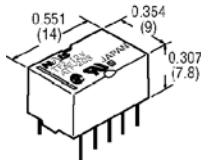
|          |           |      |        |     |      |      |
|----------|-----------|------|--------|-----|------|------|
| 788-1216 | TN2-L-5V  | 5.0  | 250.0  | 100 | 4.60 | 3.22 |
| 788-1217 | TN2-L-12V | 12.0 | 1440.0 | 100 | 4.60 | 3.22 |
| 788-1218 | TN2-L-24V | 24.0 | 3840.0 | 150 | 5.23 | 3.66 |

2 Coil Latching

|          |            |      |        |     |      |      |
|----------|------------|------|--------|-----|------|------|
| 788-1219 | TN2-L2-5V  | 5.0  | 125.0  | 200 | 4.84 | 3.38 |
| 788-1221 | TN2-L2-12V | 12.0 | 720.0  | 200 | 4.84 | 3.38 |
| 788-1220 | TN2-L2-24V | 24.0 | 1920.0 | 300 | 5.46 | 3.82 |

TF Series  
Ultra-Small  
High Sensitivity Relays

Polarized. Maximum Switching Power: 30 W, 62.5 VA. Surge Voltage Withstand: 1500 V. 2 Form C. Gold-clad cross-bar bifurcated contacts provide reliability. Pre-soldered terminals. Sealed for immersion cleaning. UL/CSA.



Single Side Stable

| Stock No. | Mfr.'s Type | Volts (DC) | Coil (Ω) | Power (mW) | EACH |       |
|-----------|-------------|------------|----------|------------|------|-------|
|           |             |            |          |            | 1-49 | 50-99 |
| 788-1203  | TF2-3V      | 3.0        | 112.5    | 80         | 5.40 | 3.78  |
| 788-1204  | TF2-4.5V    | 4.5        | 253.0    | 80         | 5.40 | 3.78  |
| 788-1018  | TF2-5V      | 5.0        | 312.5    | 80         | 5.40 | 3.78  |
| 788-1205  | TF2-6V      | 6.0        | 450.0    | 80         | 5.40 | 3.78  |
| 788-1206  | TF2-9V      | 9.0        | 1012.5   | 80         | 5.40 | 3.78  |
| 788-1016  | TF2-12V     | 12.0       | 1800.0   | 80         | 5.40 | 3.78  |
| 788-1207  | TF2-24V     | 24.0       | 4100.0   | 140        | 6.28 | 4.39  |
| 788-1017  | TF2-48V     | 48.0       | 8860.0   | 260        | 6.95 | 4.87  |

1 Coil Latching

|          |           |      |        |     |      |      |
|----------|-----------|------|--------|-----|------|------|
| 788-1208 | TF2-L-5V  | 5.0  | 454.5  | 55  | 6.50 | 4.55 |
| 788-1209 | TF2-L-24V | 24.0 | 5760.0 | 100 | 6.86 | 4.80 |

2 Coil Latching

|          |            |      |        |     |      |      |
|----------|------------|------|--------|-----|------|------|
| 788-1210 | TF2-L2-3V  | 3.0  | 81.8   | 110 | 7.01 | 4.91 |
| 788-1019 | TF2-L2-5V  | 5.0  | 227.3  | 110 | 7.01 | 4.91 |
| 788-1211 | TF2-L2-12V | 12.0 | 1309.0 | 110 | 7.01 | 4.91 |

Check Pricing And Availability Of All Items On The Internet At [www.alliedelec.com](http://www.alliedelec.com)

ALLIED ► 107