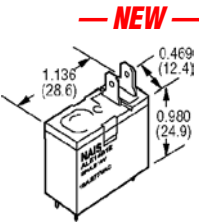


**ALE Series —**  
**16 A Home**  
**Appliance Relays**

Excellent heat resistance. **Nominal Switching Capacity:** 16 A 277 VAC. **Maximum Switching Power:** 4432 VA. **Maximum Switching Voltage:** 277 VAC. **Operating Power:** 400 mW. PCB and TMP types available. UL/CSA.

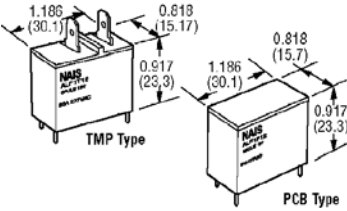


**1 Form A, TMP with PCB Three Terminals**

| Stock No. | Mfr.'s Type | Volts (DC) | Coil (Ω) | Nominal Current (mA) | EACH |       |
|-----------|-------------|------------|----------|----------------------|------|-------|
|           |             |            |          |                      | 1-49 | 50-99 |
| 788-0135  | ALE13B12    | 12         | 360      | 33.3                 | 1.50 | 1.22  |
| 788-0140  | ALE13B24    | 24         | 1440     | 16.7                 | 1.61 | 1.32  |

**1 Form A, TMP**

|          |          |    |      |      |      |      |
|----------|----------|----|------|------|------|------|
| 788-0145 | ALE15B12 | 12 | 360  | 33.3 | 1.50 | 1.22 |
| 788-0150 | ALE15B24 | 24 | 1440 | 16.7 | 1.61 | 1.32 |



**ALF Series —**  
**20 A Home**  
**Appliance Relays**

**Nominal Switching Capacity:** 20 A 250 VAC. **Maximum Switching Power:** 6250 VA. **Surge Voltage Between Contact and Coil:** Min. 10,000 V. PCB and TMP types available. UL/CSA.

**1 Form A, TMP**

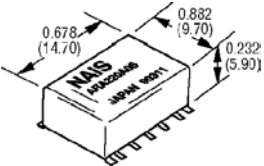
| Stock No. | Mfr.'s Type | Volts (DC) | Coil (Ω) | Nominal Current (mA) | EACH |       |
|-----------|-------------|------------|----------|----------------------|------|-------|
|           |             |            |          |                      | 1-49 | 50-99 |
| 788-0155  | ALF1T12     | 12         | 160      | 75.0                 | 2.63 | 2.15  |
| 788-0160  | ALF1T24     | 24         | 640      | 37.5                 | 2.83 | 2.32  |

**1 Form A, PCB**

|          |         |    |     |      |      |      |
|----------|---------|----|-----|------|------|------|
| 788-0165 | ALF1P12 | 12 | 160 | 75.0 | 2.63 | 2.15 |
| 788-0170 | ALF1P24 | 24 | 640 | 37.5 | 2.83 | 2.32 |

**ARA Series —**  
**Microwave Relays for**  
**Attenuator Circuit**

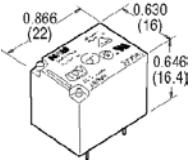
Low profile small type. Single side stable 140 mW nominal operation power. 1 and 2 coil latching also available. **Breakdown Voltage:** Between open contacts — 750 Vrms for 1 min; Between contact sets, and contact and coil — 1000 Vrms for 1 min. **Contact Rating:** 10 mA 10 VDC; 1 A 30 VDC.



**2 Form C, Low Profile**

| Stock No. | Mfr.'s Type | Volts (DC) | Coil (Ω) | Power (mW) | EACH  |       |
|-----------|-------------|------------|----------|------------|-------|-------|
|           |             |            |          |            | 1-49  | 50-99 |
| 788-0185  | ARA200A4H   | 4.5        | 145      | 140        | 24.59 | 20.12 |
| 788-0190  | ARA200A12   | 12.0       | 1028     | 140        | 24.59 | 20.12 |
| 788-0195  | ARA200A24   | 24.0       | 2880     | 200        | 25.41 | 20.79 |

**JS Series — Ultra-Mini**  
**PC Power Relays**



10 A universal terminal footprint. **Nominal Operating Power:** 360 mW. **Pick Up Voltage:** 70% nominal voltage, sealed. **Maximum Switching Power:** 1250 VA. **Ambient Temperature:** -40°C to +70°C. UL recognized, CSA certified, TÜV approved.

**1 Form A Contacts**

| Stock No. | Mfr.'s Type | Volts (DC) | Coil (Ω) | EACH |       |         |
|-----------|-------------|------------|----------|------|-------|---------|
|           |             |            |          | 1-49 | 50-99 | 100-499 |
| 788-1079  | JS1A-5V     | 5          | 69.4     | 1.15 | .80   | .72     |
| 788-1008  | JS1A-12V    | 12         | 400.0    | 1.15 | .80   | .72     |
| 788-1009  | JS1A-24V    | 24         | 1600.0   | 1.17 | .81   | .74     |

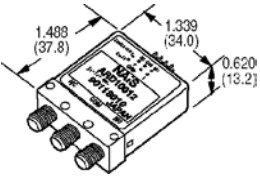
**1 Form C Contacts**

|          |         |    |        |      |      |     |
|----------|---------|----|--------|------|------|-----|
| 788-1007 | JS1-5V  | 5  | 69.4   | 1.15 | .80  | .72 |
| 788-1080 | JS1-6V  | 6  | 100.0  | 1.20 | .84  | .75 |
| 788-1081 | JS1-9V  | 9  | 225.0  | 1.20 | .84  | .75 |
| 788-1005 | JS1-12V | 12 | 400.0  | 1.17 | .84  | .75 |
| 788-1006 | JS1-24V | 24 | 1600.0 | 1.28 | .90  | .81 |
| 788-1082 | JS1-48V | 48 | 6400.0 | 1.56 | 1.09 | .99 |

**Power PCB Relays and Sockets**

**ARD Series — Small 26.5 GHz Coaxial Relays**

**— NEW —**



**High Sensitivity:** 700 mW nominal operation power. **Breakdown Voltage:** Between contact and coil, contact and earth terminal and open contacts — 500 Vrms for 1 min. **Contact Rating:** Max. 30 V 100 mA.

**Failsafe**

| Stock No. | Mfr.'s Type | Volts (DC) | Coil (Ω) | EACH   |        |
|-----------|-------------|------------|----------|--------|--------|
|           |             |            |          | 1-49   | 50-99  |
| 788-0200  | ARD10012    | 12         | 206      | 614.04 | 502.40 |

**Latching**

|          |          |    |     |        |        |
|----------|----------|----|-----|--------|--------|
| 788-0205 | ARD12012 | 12 | 288 | 696.73 | 570.05 |
|----------|----------|----|-----|--------|--------|

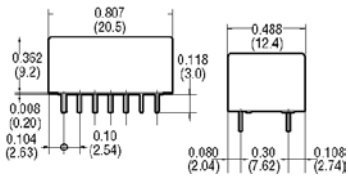
**Latching with TTL Drive**

| Stock No. | Mfr.'s Type | Volts (DC) | TTL Logic Level |         | EACH   |        |
|-----------|-------------|------------|-----------------|---------|--------|--------|
|           |             |            | On              | Off     | 1-49   | 50-99  |
| 788-0210  | ARD15112    | 12         | 2.4-5.5 V       | 0-0.5 V | 619.67 | 670.64 |

**ARX Series — Small Sized Microwave Relays**

**— NEW —**

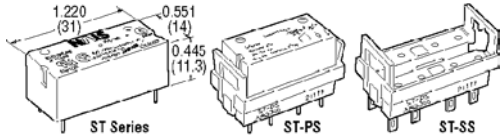
**Nominal Operating Power:** 200 mW. **Isolation:** 60 dB or more. **Breakdown Voltage:** Between open contacts, and contacts and earth terminals — 500 Vrms; Between contact and coil — 1000 Vrms.



**1 Form C, Single Side Stable**

| Stock No. | Mfr.'s Type | Volts (DC) | Coil (Ω) | Power (mW) | EACH   |        |
|-----------|-------------|------------|----------|------------|--------|--------|
|           |             |            |          |            | 1-49   | 50-99  |
| 788-0215  | ARX104H     | 4.5        | 100      | 200        | 114.38 | 93.58  |
| 788-0220  | ARX1012     | 12.0       | 100      | 200        | 153.70 | 125.76 |
| 788-0225  | ARX1024     | 24.0       | 100      | 200        | 114.38 | 93.58  |

**ST Series Polarized Power Relays**



Sealed for automatic wave soldering and cleaning. **Initial Contact Resistance:** 30 milliohms. **Row Spacing:** 0.400" (10.16 mm). Gold-flashed silver alloy contacts. **Rated:** 8 A, 200 VA. **Switching Power:** 150 W. **Switching Voltage:** 380 VAC. **Nominal Operating Power:** 240 mW. **Shock Resistance:** 20 G. **Ambient Temperature:** -40°C to +60°C. UL/CSA.

**1 Form A, 1 Form B, Single Side Stable**

| Stock No. | Mfr.'s Type | Volts (DC) | Coil (Ω) | Nominal Current (mA) | EACH  |       |         |
|-----------|-------------|------------|----------|----------------------|-------|-------|---------|
|           |             |            |          |                      | 1-49  | 50-99 | 100-499 |
| 788-1191  | ST1-DC5V    | 5          | 105      | 47.0                 | 11.91 | 8.34  | 7.50    |
| 788-1193  | ST1-DC12V   | 12         | 600      | 20.0                 | 11.91 | 8.34  | 7.50    |
| 788-1014  | ST1-DC24V   | 24         | 2400     | 10.0                 | 11.91 | 8.34  | 7.50    |

**1 Form A, 1 Form B, 2 Coil Latching**

|          |              |    |      |      |       |      |      |
|----------|--------------|----|------|------|-------|------|------|
| 788-1194 | ST1-L2-DC5V  | 5  | 110  | 47.0 | 13.98 | 9.78 | 8.80 |
| 788-1195 | ST1-L2-DC12V | 12 | 640  | 18.8 | 13.98 | 9.78 | 8.80 |
| 788-1196 | ST1-L2-DC24V | 24 | 2400 | 9.8  | 13.98 | 9.78 | 8.80 |

**2 Form A, Single Side Stable**

|          |           |    |      |      |       |      |      |
|----------|-----------|----|------|------|-------|------|------|
| 788-1197 | ST2-DC5V  | 5  | 105  | 47.0 | 12.57 | 8.80 | 7.91 |
| 788-1198 | ST2-DC12V | 12 | 600  | 20.0 | 13.00 | 9.10 | 8.18 |
| 788-1199 | ST2-DC24V | 24 | 2400 | 10.0 | 12.57 | 8.80 | 7.91 |

**2 Form A, 2 Coil Latching**

|          |              |    |     |      |       |      |      |
|----------|--------------|----|-----|------|-------|------|------|
| 788-1200 | ST2-L2-DC5V  | 5  | 110 | 47.0 | 14.20 | 9.94 | 8.95 |
| 788-1201 | ST2-L2-DC12V | 12 | 640 | 18.8 | 14.20 | 9.94 | 8.95 |

**ST Series Sockets**

| Stock No. | Mfr.'s Type | Description        | EACH |       |         |
|-----------|-------------|--------------------|------|-------|---------|
|           |             |                    | 1-49 | 50-99 | 100-499 |
| 788-1015  | ST-PS       | PC Board Terminals | 2.43 | 1.71  | 1.54    |
| 788-1202  | ST-SS       | Solder Terminals   | 2.43 | 1.71  | 1.54    |