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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	1	INITIAL DRAWING	25SEP2019	VM	JR

### Product Specifications for KC-2, KC-8, KC-11 and KC-12

Contact Arrangement — SPDT

Contact Form — C

Test Voltage, DC or 60 Hz (Peak) — 17 kV

Rated Operating Voltage (Peak) — DC or 60 Hz — 15 kV

2.5 MHz — KC-2 and KC-11 — 12 kV

16 MHz — KC-2 and KC-11 — 9 kV

32 MHz — KC-2 and KC-11 — 7 kV

Continuous Carry Current, Max. — DC or 60 Hz — KC-2 and KC-11 — 50 A  
KC-8 and KC-12 — 30 A

2.5 MHz — KC-2 and KC-11 — 30 A

16 MHz — KC-2 and KC-11 — 17 A

32 MHz — KC-2 and KC-11 — 10 A

Coil Hi-Pot (Vrms, 60 Hz) — 500 A

#### Contact Capacitance —

Between Open Contacts — 0.5 pF

Open Contacts to Ground — 1 pF

#### Contact Resistance, Max. —

KC-2 and KC-11 — 0.012 ohm

KC-8 and KC-12 — 0.025 ohm

Operate Time, Max. — 15 ms

Release Time, Max. — 9 ms

#### Shock, 11ms, 1/2 Sine (Peak) —

50 g

#### Vibration —

Peak — 10 g (55 to 500 Hz)

#### Operating Ambient Temperature Range — -55°C to +125°C

Operating Ambient Temperature Range — -55°C to +125°C

Mechanical Life — 1 million cycles

#### Weight, Nominal —

85 g (3 oz.)

### Product Specifications for Header RKC-2, RKC-8, RKC-11 and RKC-12

Contact Arrangement — SPDT

Contact Form — C

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Operating Ambient Temperature Range — -55°C to +125°C

Mechanical Life — 1 million cycles

#### Weight, Nominal —

85 g (3 oz.)

### Coil Data

Nominal Volts DC	12 Vdc	26.5 Vdc	115 Vdc
Pickup, Max.	8 Vdc	16 Vdc	80 Vdc
Dropout	.5-5 Vdc	1-10 Vdc	5-50 Vdc
Coil Resistance (±10%)			
KC-2 and KC-11	60 Ω	250 Ω	3500 Ω
KC-8 and KC-12	48 Ω	180 Ω	2900 Ω

Ratings listed are for 25°C, sea level conditions

### Ordering Information

Sample Part Number **RKC- 2 /12Vdc**

RoHS Compliant


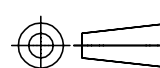
Series: \_\_\_\_\_

Model: \_\_\_\_\_

2                      8                      11                      12

Coil Voltage: \_\_\_\_\_

Blank = 26.5 Vdc /12Vdc = 12 Vdc /115Vdc = 115 Vdc

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		CHK	25SEP2019		
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLC ± -		RKC-2, 8, 11, 12 SERIES MAKE AND BREAK	
		1 PLC ± -		LOAD SWITCHING	
		2 PLC ± -		-	
		3 PLC ± -		-	
		4 PLC ± -		SIZE	
		ANGLES ± -		CAGE CODE	
MATERIAL		FINISH		DRAWING NO	
				RESTRICTED TO	
				A3	
				-	
				C-RKC2,8,11,12-SERIES	
				-	
				CUSTOMER DRAWING	
				SCALE NTS	
				SHEET 1 of 2	
				REV 1	

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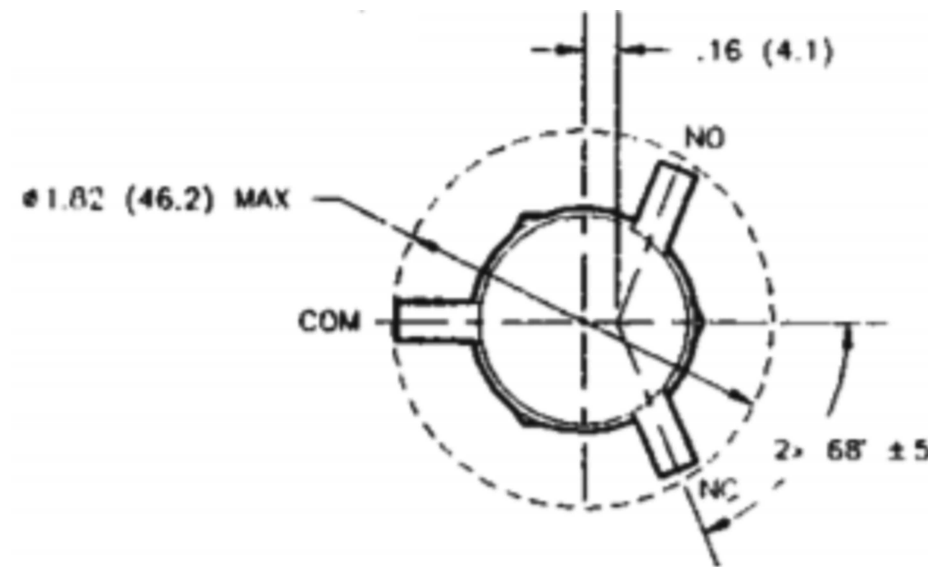
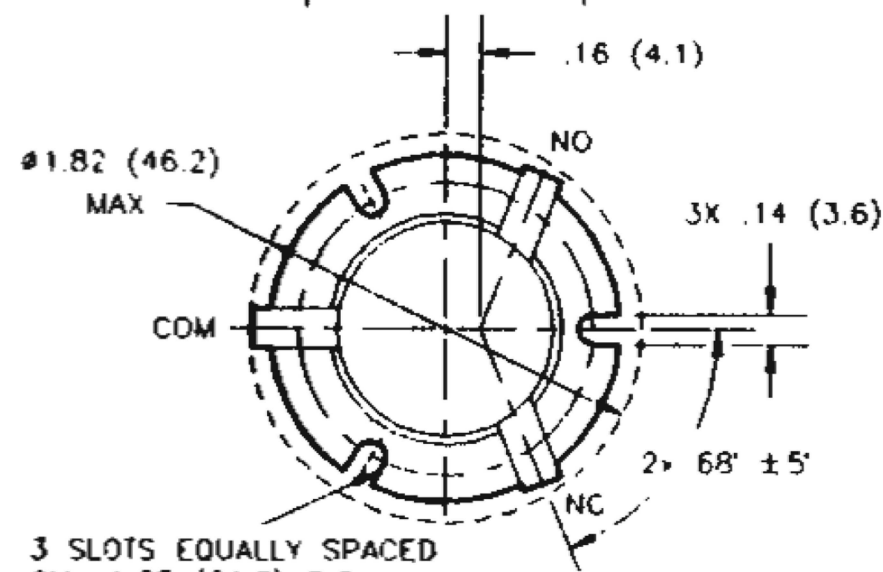
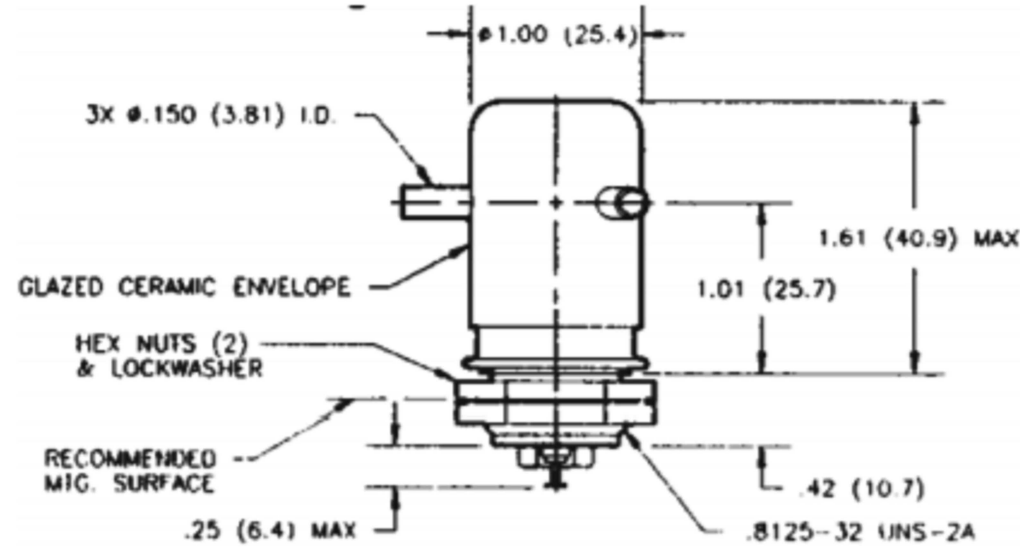
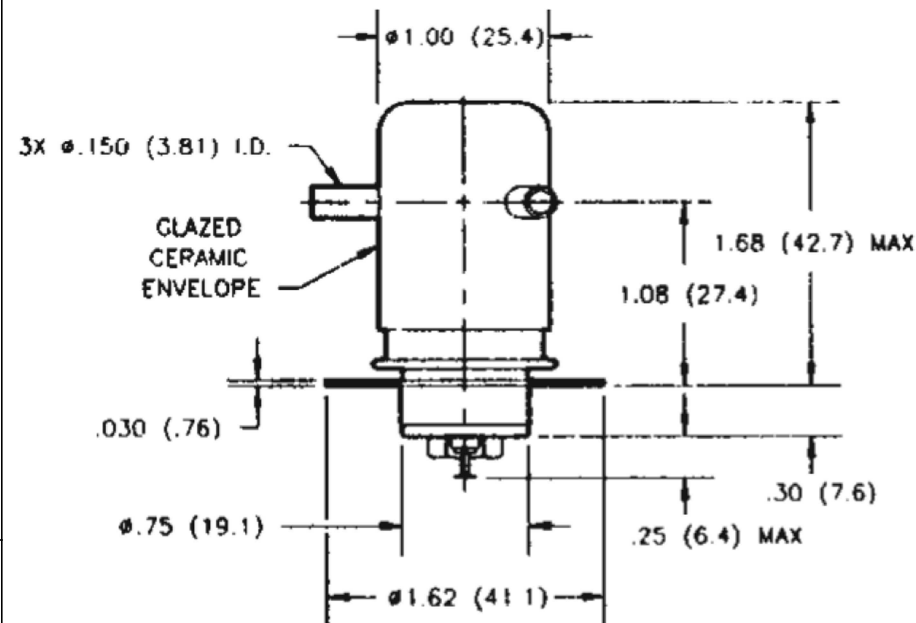
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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



**RKC-2**  
No Load Switching  
Product Facts

- Vacuum dielectric for low and stable contact resistance
- Carries 50 Amps at DC; 10 Amps at 32 MHz
- Not designed for power switching

**RKC-11**  
No Load Switching  
Product Facts

- Threaded base version of KC-2
- Vacuum dielectric for low leakage current applications

**RKC-8**  
Product Facts for RKC-8

- Not recommended for new design.

**RKC-12**  
Product Facts

- Not recommended for new design.
- Vacuum dielectric for power switching low current loads

ALL DIMENSIONS ARE IN INCHES(MM)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	25SEP2019	TE Connectivity NAME RKC-2, 8, 11, 12 SERIES MAKE AND BREAK LOAD SWITCHING	
DIMENSIONS: INCHES		VM	25SEP2019		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK	25SEP2019		
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		RV	25SEP2019		
MATERIAL		APVD	JR	PRODUCT SPEC	SIZE
FINISH		APPLICATION SPEC		CAGE CODE	
-		WEIGHT		DRAWING NO	
-		CUSTOMER DRAWING		RESTRICTED TO	
-		SCALE NTS		SHEET 2 OF 2	
-		REV 1		-	