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LOC  
GZDIST  
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## REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	E	PER B. TOEPFER	29JUL2011	JS	BT

ELECTRICAL CHARACTERISTICS: (ALL DATA APPLIES @ 23°C UNLESS OTHERWISE SPECIFIED)

## COIL DATA:

NOMINAL VOLTAGE: 12 VDC  
 OPERATE VOLTAGE: 7.0 VDC MAXIMUM  
 RELEASE VOLTAGE: 1.2 VDC MINIMUM  
 EQUIVALENT COIL RESISTANCE: 79 OHMS  $\pm$  10%  
 OPERATE TIME: 8 ms MAX. EXCLUDING BOUNCE  
 RELEASE TIME: 8 ms MAX. EXCLUDING BOUNCE  
 TEMPERATURE RANGE: STORAGE -40° TO +155°C  
 OPERATING -40° TO +85°C  
 OPERATING -40° TO +125°C (APPLICATION DEPENDENT)

## CONTACT DATA: (Contact Data is Formatted N.O./N.C.)


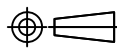
CONTACT ARRANGEMENT: 1 FORM C (SPDT)  
 CONTACT MATERIAL: AgNI 0.15 (FINE GRAIN SILVER)  
 CONTACT MILLIVOLT DROP: 200 mV @ 40A. ON N.O. CONTACTS (AFTER SWITCHING)  
 250 mV @ 30A. ON N.C. CONTACTS (AFTER SWITCHING)  
 MAXIMUM MAKE CURRENT: 120A/45A (LAMP) @ 16 VDC  
 MAXIMUM BREAK CURRENT: 60A/40A @ 16 VDC RESISTIVE  
 MAXIMUM CONTINUOUS CURRENT: 60A/40A @ 23°C, 40A/30A @ 85°C  
 INITIAL BREAKDOWN CURRENT: 500V RMS CONTACTS TO COIL

EXPECTED LIFE: 100,000 OPERATIONS, 40 A, 14 VDC RESISTIVE ON  
 NORMALLY OPEN CONTACT

## MECHANICAL CHARACTERISTICS:

EXPECTED LIFE: 10 MILLION OPERATIONS, NO CONTACT LOAD, 20 OPERATIONS  
 PER SECOND MAXIMUM

CUST. NAME	CUST. P/N	TE P/N
GM	14100455	6-1393298-6

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. SLIKE 28JUL2011	 TE Connectivity	
		CHK B. TOEPFER 29JUL2011		
DIMENSIONS: INCHES [mm]		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC $\pm$ - 1 PLC $\pm$ .1 [2.54] 2 PLC $\pm$ .01 [.254] 3 PLC $\pm$ .010 [0.25] 4 PLC $\pm$ - ANGLES $\pm$ 1°		
		APVD B. TOEPFER 29JUL2011 PRODUCT SPEC APPLICATION SPEC		
MATERIAL -		FINISH -		
		WEIGHT -		
		CUSTOMER DRAWING		
		SIZE A3		
		CAGE CODE 00779		
		DRAWING NO C=VF4-15F11-Z01		
		RESTRICTED TO -		
		SCALE NTS		
		SHEET 1 OF 2		
		REV E		

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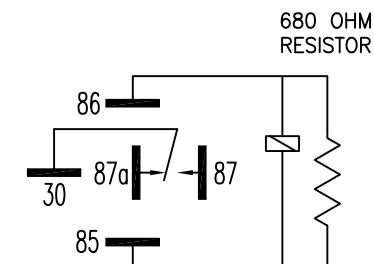
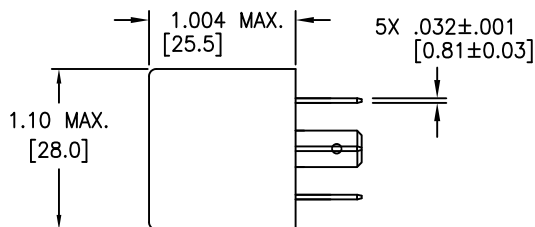
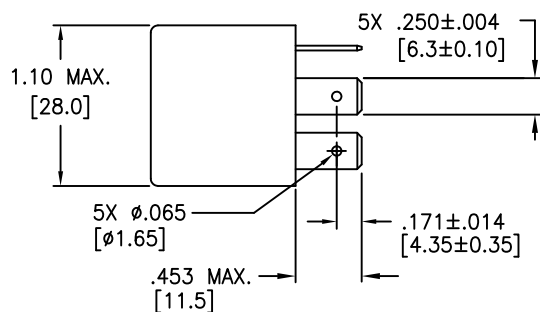
LOC  
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## REVISIONS

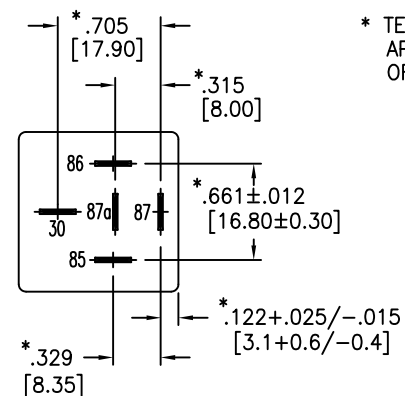
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

## MARKING TO INCLUDE:

MANUFACTURER'S NAME, MANUFACTURER'S PART NUMBER,  
CUSTOMER PART NUMBER, SCHEMATIC, COUNTRY OF ORIGIN,  
AND DATE CODE



SCHEMATIC DIAGRAM (BOTTOM VIEW)



\* TERMINAL LOCATIONS  
APPLY AT THE BASE  
OF THE TERMINALS.

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## DIMENSIONS:

INCHES [mm]

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

0 PLC	± .
1 PLC	± .1 [2.54]
2 PLC	± .01 [2.54]
3 PLC	± .010 [0.25]
4 PLC	± .
ANGLES	± 1°

## MATERIAL

## FINISH

DWN

J. SLIKE

28JUL2011

CHK

B. TOEPFER

29JUL2011

APVD

B. TOEPFER

29JUL2011

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

CUSTOMER DRAWING



TE Connectivity

## NAME

MINIATURE ISO RELAY

## SIZE

A3

## CAGE CODE

00779

## DRAWING NO

C=VF4-15F11-Z01

## RESTRICTED TO

-

SCALE NTS

SHEET 2 OF 2

REV E