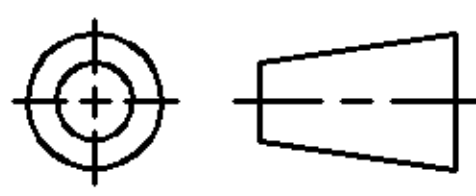




# CUSTOMER DATA

DRAWN M.BROWN	APPROVAL	DATE 08-23-02	SCALE 1 : 1
------------------	----------	------------------	----------------

CUSTOMER  
TYCO STANDARD

TOLERANCE UNLESS SPECIFIED OTHERWISE	0.X = +/- 0.XX = +/- 0.XXX = +/- ANGLES = +/-
---	--

  
DO NOT SCALE THIS DRAWING

CHANGES			
REV.	DATE	CO	APP.
	02-13-04	REVISED	MDB B.T.
	04-28-04	REVISED	MDB B.T.

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

COIL DATA:

NOMINAL VOLTAGE: 12 VDC  
OPERATE VOLTAGE: 7.2 VDC MAXIMUM  
RELEASE VOLTAGE: 1.2 VDC MINIMUM  
COIL RESISTANCE: 72 OHMS ±10%  
OPERATE TIME: 8 mSEC. MAXIMUM EXCLUDING BOUNCE  
RELEASE TIME: 3 mSEC MAXIMUM  
TEMPERATURE RANGE: STORAGE -40°C TO +155°C  
OPERATING -40°C TO +85°C  
OPERATING -40°C TO +125°C (APPLICATION DEPENDENT)

CONTACT DATA:

CONTACT ARRANGEMENT: 1 FORM A (SPST)  
CONTACT MATERIAL: AgNi 0.15 (FINE GRAIN SILVER)  
CONTACT MILLIVOLT DROP: 200mV @ 70A (AFTER SWITCHING)  
MAXIMUM MAKE CURRENT: 120A (LAMP) @ 16 VDC  
MAXIMUM BREAK CURRENT: 70A @ 16 VDC RESISTIVE  
MAXIMUM CONTINUOUS CURRENT: 70 A @ 23°C, 50A @ 85°C  
INITIAL BREAKDOWN VOLTAGE: 500V RMS CONTACTS AND COIL

EXPECTED LIFE: 100,000 OPERATIONS, 70A, 14 VDC RESISTIVE @ 23°C

MECHANICAL CHARACTERISTICS:

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

# CUSTOMER DATA

PART NO.

VF7-11F12

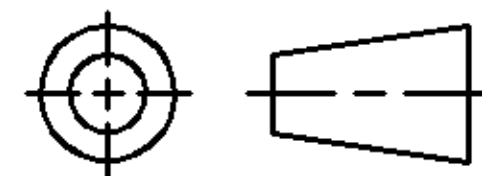
SHT. 2  
OF 2

DRAWN M.BROWN	APPROVAL	DATE 08-23-02	SCALE 1 : 1
------------------	----------	------------------	----------------

CUSTOMER  
TYCO STANDARD

TOLERANCE UNLESS SPECIFIED OTHERWISE

0.X	=	+/-
0.XX	=	+/-
0.XXX	=	+/-
ANGLES	=	+/-

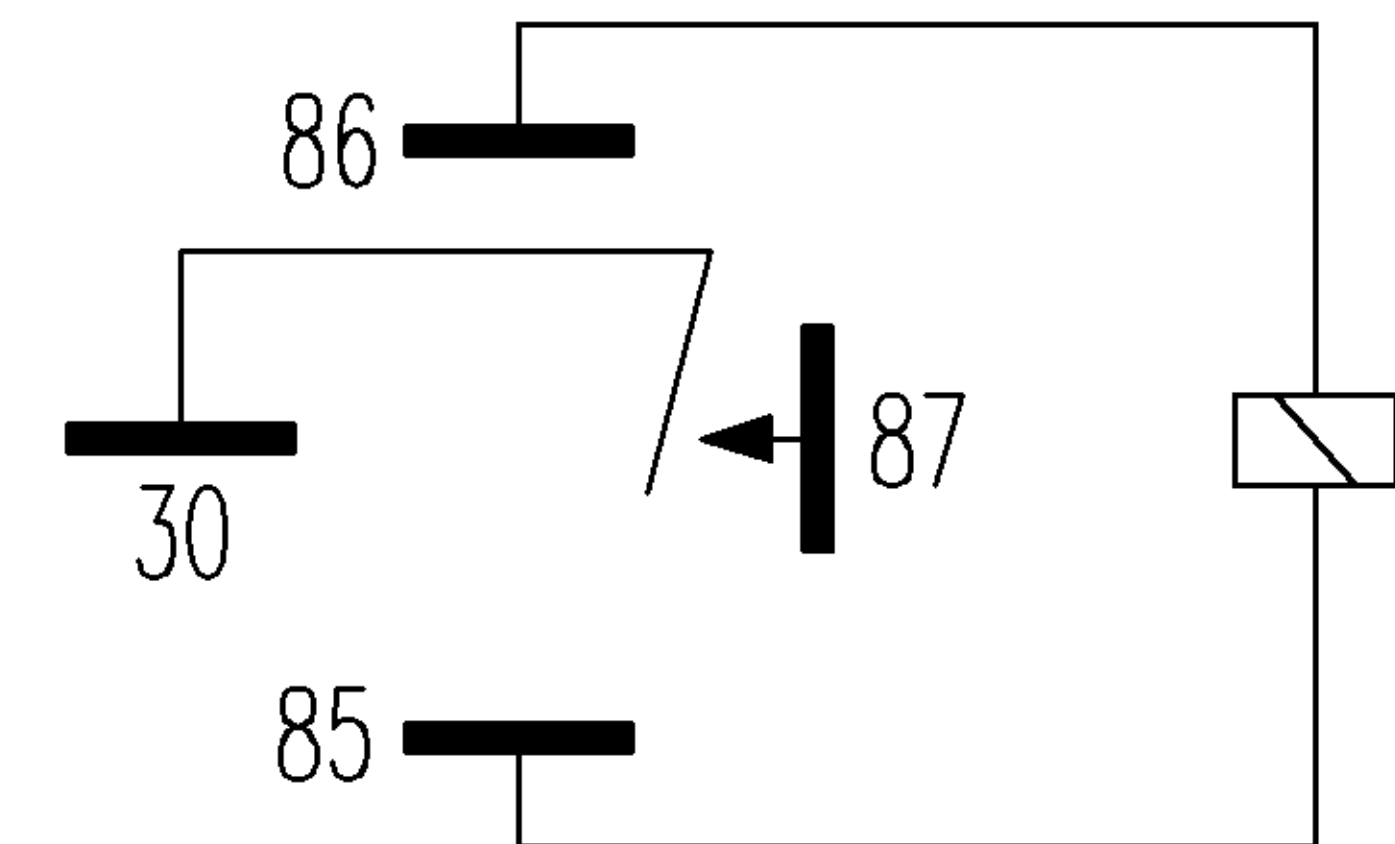
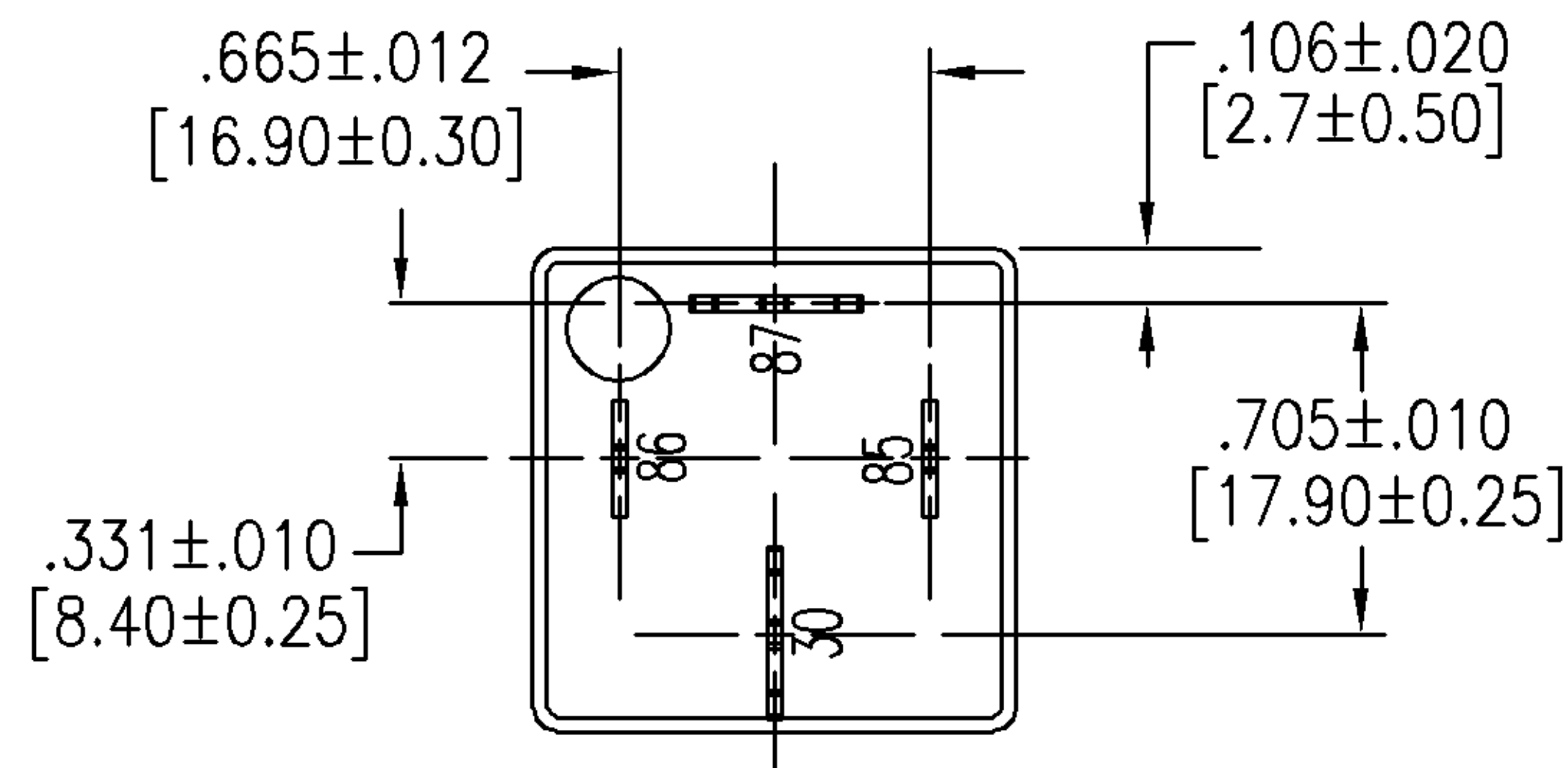


REV. D

DO NOT SCALE THIS DRAWING

INCHES = X.XXX  
MILLIMETERS = [XX.XX]

TOP MARKING TO INCLUDE:  
MANUFACTURER'S LOGO, MANUFACTURER'S  
PART NUMBER, COIL VOLTAGE, SCHEMATIC,  
AND COUNTRY OF ORIGIN.



SCHEMATIC DIAGRAM (BOTTOM VIEW)

