

CUSTOMER DATA

DRAWN S.ESTES	APPROVAL B. TOEPFER	DATE FIRST DRAWN 12-11-90	SCALE 1 : 1	CUSTOMER TYCO STANDARD				
TOLERANCE 0.X = +/- .1 [2.54] UNLESS 0.XX = +/- .01 [.254] SPECIFIED 0.XXX = +/- .010 [0.25] OTHERWISE ANGLES = +/- .1'					CHANGES			
					REV. 	DATE 03-11-99	CO REDRAWN	APP. S.E. B.T.
DO NOT SCALE THIS DRAWING								

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

COIL DATA:

NOMINAL VOLTAGE: 24 VDC
 OPERATE VOLTAGE: 14.4 VDC MAXIMUM
 RELEASE VOLTAGE: 2.4 VDC MINIMUM
 COIL RESISTANCE: 317.5 OHMS +/- 10%
 OPERATE TIME: 8 mSEC. MAXIMUM EXCLUDING BOUNCE
 RELEASE TIME: 8 mSEC. MAXIMUM EXCLUDING BOUNCE
 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 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 @ 40A 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

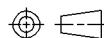
MECHANICAL CHARACTERISTICS:

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

DRAWN	APPROVAL	DATE FIRST DRAWN	SCALE
S. ESTES	B. TOEPFER	12-11-90	1 : 1

CUSTOMER
TYCO STANDARD

TOLERANCE	0.X	=	+/- .1	[2.54]
UNLESS	0.XX	=	+/- .01	[.254]
SPECIFIED	0.XXX	=	+/- .010	[0.25]
OTHERWISE	ANGLES	=	+/- 1°	

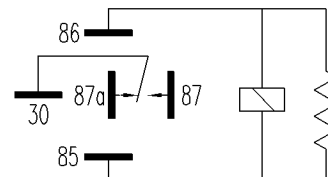
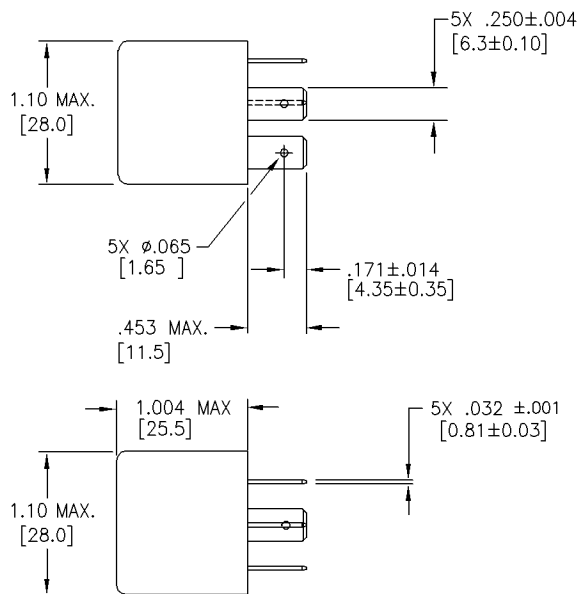
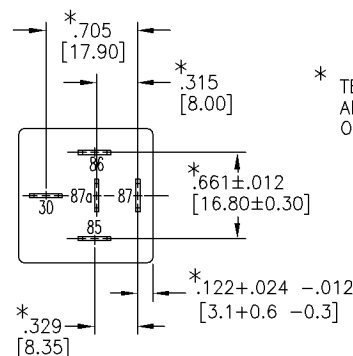


DO NOT SCALE THIS DRAWING

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

MARKING TO INCLUDE:

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

SCHEMATIC DIAGRAM
(BOTTOM VIEW)

* TERMINAL LOCATIONS
APPLY AT THE BASE
OF THE TERMINALS

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[VF4A-15H11-S08](#)