| DRAWN N.TABAKOVIC | APPROVAL L.BENNETT | DATE FIRST_DRAWN 10-24-06 | SCALE 1:1 | CUSTOMER TYCO_ELECTRONICS_STANDARD | |

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

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DO NOT SCALE THIS DRAWING

CHANGES			
REV.	DATE	CO	APP.
△D	07NOV2017	ECO−17−003787	B.T.
△D1	29DEC2022	ECN−22−181733	B.K.

NOT TO BE USED IN AUTOMOTIVE APPLICATIONS OR APPLICATIONS REQUIRING PPAP AND/OR IMDS DOCUMENTATION

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

COIL DATA:

NOMINAL VOLTAGE:	24 VDC
OPERATE VOLTAGE:	15.6 VDC MAXIMUM
RELEASE VOLTAGE:	2.4 VDC MINIMUM
COIL RESISTANCE:	317.5 OHMS +/− 10%
OPERATE TIME:	10 mSEC. MAXIMUM EXCLUDING BOUNCE
RELEASE TIME:	13 mSEC. MAXIMUM EXCLUDING BOUNCE
TEMPERATURE RANGE:	OPERATING −40°C TO +85°C

CONTACT DATA: (CONTACT DATA IS FORMATTED N.O./N.C.)

CONTACT ARRANGEMENT:	1 FORM C (SPDT)
CONTACT MATERIAL:	AgSnO (SILVER TIN-OXIDE)
CONTACT MILLIVOLT DROP:	200mv @ 35A ON N.O. CONTACTS (AFTER SWITCHING)
	250mv @ 20A ON N.C. CONTACTS (AFTER SWITCHING)
MAXIMUM MAKE CURRENT:	90A/30A (LAMP) @ 16 VDC
MAXIMUM BREAK CURRENT:	40A/30A @ 16 VDC RESISTIVE
MAXIMUM CONTINUOUS CURRENT:	40A/30A @ 23°C , 35A/20A @ 85°C
INITIAL BREAKDOWN CURRENT	500V RMS CONTACTS TO COIL
EXPECTED LIFE:	100,000 OPERATIONS, 40 A, 14 VDC RESISTIVE ON NORMALLY OPEN CONTACT

OBSOLETE

MECHANICAL CHARACTERISTICS:

EXPECTED LIFE:	10 MILLION OPERATIONS, NO CONTACT LOAD
TERMINALS:	COPPER, UNPLATED
ENCLOSURE:	EPOXY SEALED

DRAWN N.TABAKOVIC	APPROVAL L.BENNETT	DATE FIRST_DRAWN 10-24-06	SCALE 1:1	CUSTOMER TYCO_ELECTRONICS_STANDARD	
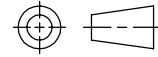
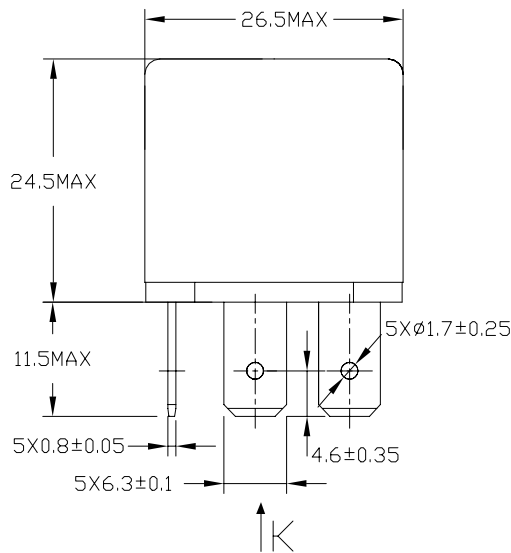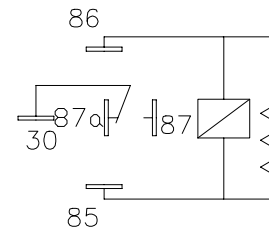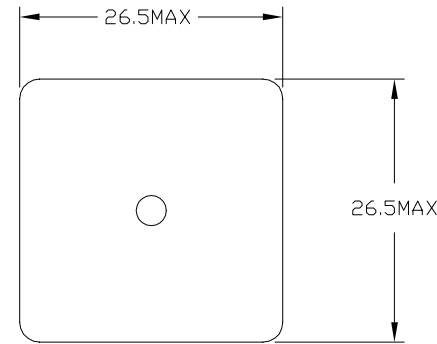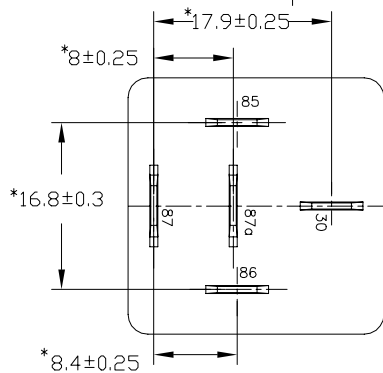| TOLERANCE UNLESS SPECIFIED OTHERWISE	0.X = +/- 0.XX = +/- 0.XXX = +/- ANGLES = +/-	⊕ ◁	REV D1
		DO NOT SCALE THIS DRAWING	MILLIMETERS

MARKING TO INCLUDE:

TYCO ELECTRONICS NAME, TYCO ELECTRONICS PART NUMBER, SCHEMATIC, COIL VOLTAGE, COUNTRY OF ORIGIN, AND DATE CODE

26.5MAX

24.5MAX

11.5MAX

5X∅1.7±0.25

5X0.8±0.05

4.6±0.35

5X6.3±0.1

K

26.5MAX

26.5MAX

K Aspect

*17.9±0.25

*8±0.25

85

*16.8±0.3

87 87a 30

86

*8.4±0.25

86

87a 87

30

85

Schematic Drawing
(Botton views)

* TERMINAL LOCATIONS APPLY AT THE BASE OF THE TERMINALS

OBSOLETE

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