DRAWN E.SIMPSON	APPROVAL B. TOEPFER	DATE FIRST_DRAWN 05-26-05	SCALE 1:1	CUSTOMER TYCO_ELECTRONICS_STANDARD

TOLERANCE UNLESS SPECIFIED OTHERWISE	0.X = +/− 0.XX = +/− 0.XXX = +/− ANGLES = +/−	⊕ ⊏◁ DO NOT SCALE THIS DRAWING

CHANGES

REV.	DATE	CO	APP.
△E	03NOV2017	ECO-7-003787	B.T.
△E1	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

MECHANICAL CHARACTERISTICS:

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

OBSOLETE
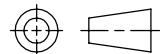
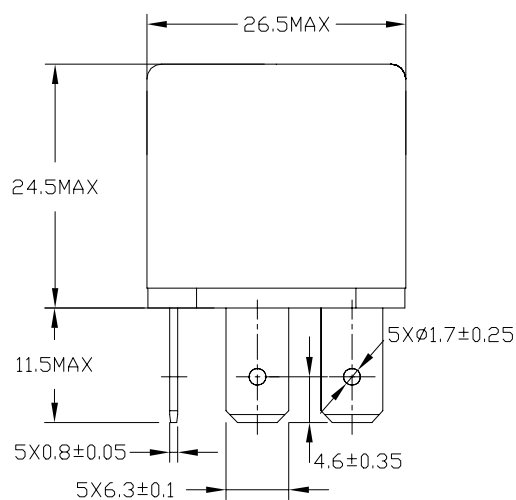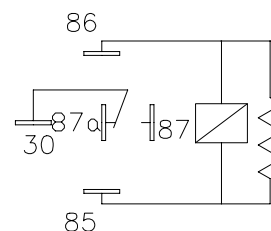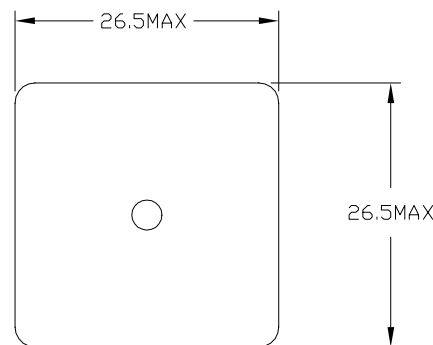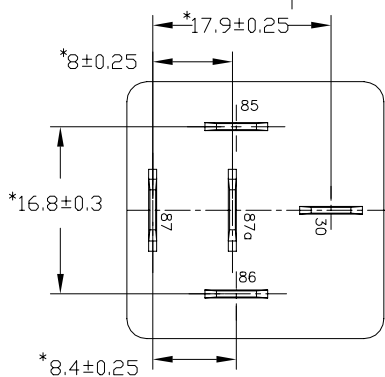| DRAWN E.SIMPSON	APPROVAL B. TOEPFER	DATE FIRST_DRAWN 05-26-05	SCALE 1:1	CUSTOMER TYCO_ELECTRONICS_STANDARD	
TOLERANCE UNLESS SPECIFIED OTHERWISE	0.X = +/- 0.XX = +/- 0.XXX = +/- ANGLES = +/-				REV E1
				DO NOT SCALE THIS DRAWING	MILLIMETERS

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

5XØ1.7±0.25

5X0.8±0.05

4.6±0.35

5X6.3±0.1

↑K

K Aspect

*17.9±0.25

*8±0.25

85

*16.8±0.3

87

87a

30

86

*8.4±0.25

26.5MAX

26.5MAX

86

87

30

87

85

Schematic Drawing
(Botton views)

* TERMINAL LOCATIONS
  APPLY AT THE BASE
  OF THE TERMINALS

OBSOLETE

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