



TE Connectivity

## CUSTOMER DATA

PART NO.

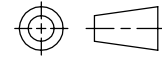
1432873-1

SHT. 1  
OF 2

DRAWN V.NESTOROVSKI	APPROVAL B. TOEPFER	DATE FIRST_DRAWN 08-10-06	SCALE 1:1
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CUSTOMER  
TYCO\_ELECTRONICS\_STANDARD

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



DO NOT SCALE THIS DRAWING

## CHANGES

REV.	DATE	CO	APP.
	07NOV2017	ECO-17-003787	B.T.
	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: 6 VDC  
 OPERATE VOLTAGE: 3.9 VDC MAXIMUM  
 RELEASE VOLTAGE: 0.6 VDC MINIMUM  
 COIL RESISTANCE: 22.5 OHMS +/- 10%  
 OPERATE TIME: 8 mSEC. MAXIMUM EXCLUDING BOUNCE  
 RELEASE TIME: 5 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



TE Connectivity

CUSTOMER DATA

PART NO.

1432873-1

SHT. 2  
OF 2

DRAWN  
V.NESTOROVSKI

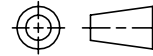
APPROVAL  
B. TOEPFER

DATE FIRST\_DRAWN  
08-10-06

SCALE  
1:1

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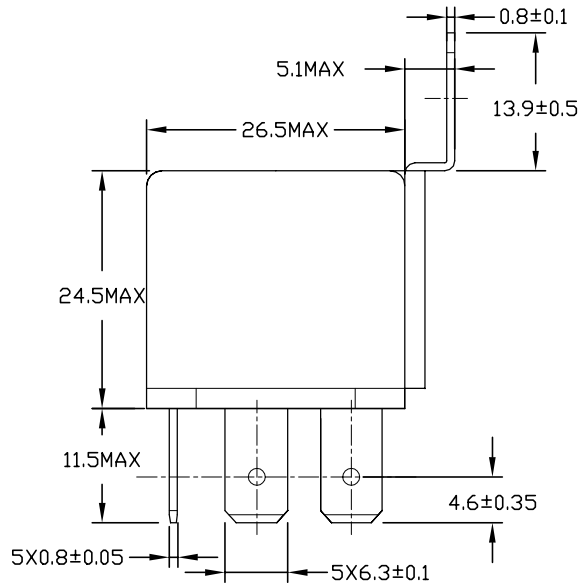
REV D1

DO NOT SCALE THIS DRAWING

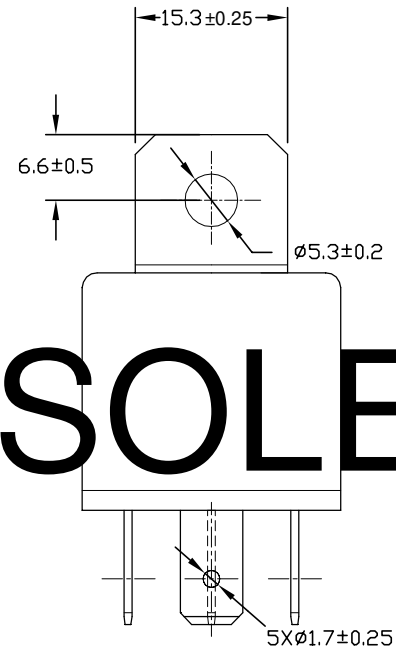
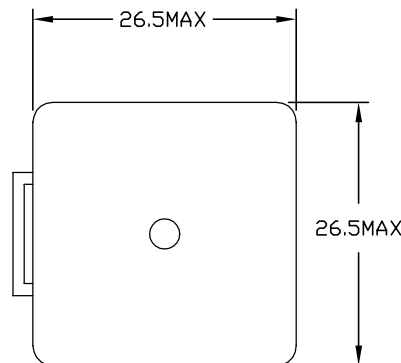
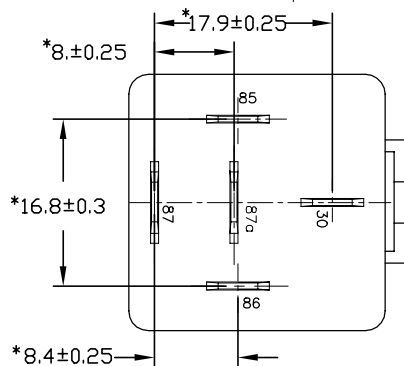
MILLIMETERS

MARKING TO INCLUDE:

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

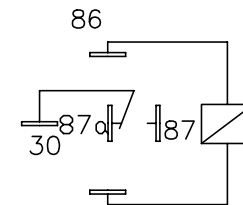


K  
K Aspect



# OBSOLETE

\* TERMINAL LOCATIONS  
APPLY AT THE BASE  
OF THE TERMINALS



Schematic Drawing  
(Bottom views)

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