



WIRING DIAGRAM

P1		P2
1	<u>RED</u>	OPEN
2	<u>WHITE</u>	OPEN
3	<u>GREEN</u>	OPEN
4	<u>BLACK</u>	OPEN
5	<u>BLUE</u>	OPEN
6	<u>YELLOW</u>	OPEN

SPECIFICATION:

MATERIAL:

CONTACT: BRASS, GOLD FLASH PLATING ALL OVER NICKEL UNDERPLATING

HOUSING: PA9T, BLACK

SPRING: SUS

MAGNET: N52

ELECTRICAL:

RATED VOLTAGE (PER CONTACT): 5V

RATED CURRENT (PER CONTACT): 1A

INSULATION RESISTANCE: 100MEGAOHMS MIN.

DIELECTRIC WITHSTAND VOLTAGE: 100V AT 60HZ

CONTACT RESISTANCE: 30mOHMS MAX. BEFORE TEST AND 60mOHMS MAX. AFTER TEST

ON-RESISTANCE: 3 OHMS MAX.

100% BREAK/SHORT TEST

WORKING STROKE & FORCE: PRESS STROKE 0.8mm (PER CONTACT) 60gf MAX.

LIFE TEST: PRESS STROKE 0.8mm, 10,000 CYCLES MIN.

SALT SPRAY TEST: 5% SALT SPRAY CONCENTRATION, TEMPERATURE 35°C, TEST TIME 48 HOURS, NO CORROSION.

OPERATING TEMPERATURE RANGE: -30~+85°C.

TOLERANCE
UNLESS OTHERWISE
SPECIFIED

.X	±0.15
.XX	±0.10

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ISSUE NUMBER

ORIGINAL

1



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TORONTO, ONTARIO
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MAGNETIC SPRING LOADED CONNECTOR, 6POS, MALE

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