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RELEASED FOR PUBLICATION

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CONVERSION CHART

INCH	MM	INCH	MM
.002	0,05	.394	10,00
.006	0,15	.472	12,00
.010	0,25		
.012	0,3		
.028	0,70		
.039	1,00		
.047	1,20		
.051	1,30		
.059	1,50		
.067	1,70		
.079	2,00		
.085	2,15		
.087	2,20		
.091	2,30		
.122	3,10		
.150	3,80		
.170	4,30		
.197	5,00		
.236	6,00		
.264	6,70		
.283	7,20		
.295	7,50		
.354	9,00		
.382	9.70		

CIRCUIT DIAGRAM

NOTE: TERMINAL NUMBERS ARE FOR REFERENCE ONLY, AND DO NOT APPEAR ON SWITCHES.

SPECIFICATIONS:

MATERIALS:

CASE: POLYESTER, BLACK.
COVER: POLYESTER.
ACTUATION BUTTON: ACETAL, BLACK.
MOVABLE CONTACT: COPPER ALLOY, SILVER CLAD.
FIXED CONTACT/TERMINAL: COPPER ALLOY, SILVER PLATE.
FRAME: POLYAMIDE.

ELECTRICAL:

MAX CONTACT RATING: 50MILLIAMPS@24V DC
MIN CONTACT RATING: 10MICROAMPS@1V DC
CONTACT RESISTANCE: 100 MILLIOHMS MAX.
INSULATION RESISTANCE: 100 MEGOHMS @100 VDC.
DIELECTRIC STRENGTH: 500 VAC
LIFE EXPECTANCY: 100,000 CYCLES MIN.

MECHANICAL:

ACTUATION FORCE: 160 ±50gf
ACTUATION TRAVEL: .012 INCHES.

ENVIRONMENTAL:

OPERATING TEMPERATURE: -35°C TO +85°C
STORAGE TEMPERATURE: -35°C TO +85°C

NOTES:

1. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)

RECOMMENDED PCB LAYOUT

TOLERANCE ±.002 UNLESS OTHERWISE NOTED

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
BSV

CHK
-

APVD
M.S.SARVER

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

CUSTOMER DRAWING

14MAY2004

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SCALE 4:1

TE Connectivity

PUSHBUTTON SWITCH
FSM104
-

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=1437565-6

RESTRICTED TO
-

SHEET 1 OF 1

REV B1

DIMENSIONS:
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± .010
4 PLC ± -
ANGLES ± -
FINISH -

1471-9 (3/11)

1437565-6