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LOCAD

DIST00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	D6	REVISED PER ECO-11-011705	07JUN11	HMR	MW

12.00
[.472]

12.00
[.472]

5.00±0.18
[.197±.007]

5.00±0.18
[.197±.007]

TERMINAL NO. 1

ø6.70
[.264]

12.00
[.472]

12.00
[.472]

5.00±0.18
[.197±.007]

5.00±0.18
[.197±.007]

TERMINAL NO. 1

ø6.70
[.264]

4

3

2

1

CIRCUIT DIAGRAM

TERMINAL NUMBERS ARE FOR
REFERENCE ONLY AND DO NOT
APPEAR ON SWITCHES

0.50
[.020]
MAX

3.50
[.138]

3.91
[.154]

1.80
[.071]

12.50±0.18
[.492±.007]

14.10±0.18
[.555±.007]

4.30
[.169]

1.00
[.039]
4 PLC

ø1.30
[ø.051]
4 PLC

5.00±0.08
[.197±.003]

12.50±0.08
[.492±.003]

PC BOARD LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

0 PLC±-
1 PLC±-
2 PLC± 0.30[.012]
3 PLC±-
4 PLC±-
ANGLES±-

FINISH-

DWN
R BROWN
03APR02

CHK
H WYNKOOP
03APR02

APVD
H WYNKOOP
03APR02

PRODUCT SPEC

APPLICATION SPEC

WEIGHT-

CUSTOMER DRAWING

TE Connectivity

NAME
SWITCH, FSM100 PUSHBUTTON

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=1437565-2

RESTRICTED TO
-

SCALE
4:1

SHEET
1 of 1

REV
D6

SPECIFICATIONS

MATERIALS

CASE: POLYESTER, BLACK

COVER: POLYESTER

ACTUATOR BUTTON: ACETAL, COLOR-SEE TABLE

MOVING CONTACT: COPPER ALLOY, SILVER CLAD

FIXED CONTACT/TERMINAL: COPPER ALLOY, SILVER PLATED

ELECTRICAL

MAX CONTACT RATING: 50MILLIAMPS@24V DC

MIN CONTACT RATING: 10MICROAMPS@1V DC

CONTACT RESISTANCE: 100 MILLIOHMS MAX

INSULATION RESITANCE: 100 MEGOHMS MIN @ 100VDC

DIELECTRIC STRENGTH: 500 VAC 50/60 Hz FOR 1 MINUTE

LIFE EXPECTANCY: 100,000 CYCLES MIN.

MECHANICAL

ACTUATOR OPERATING FORCE: SEE TABLE

ACTUATOR TRAVEL: 0.30[.012] APPROX.

ENVIRONMENTAL

OPERATING TEMPERATURE: -35°C to +85°C

STORAGE TEMPERATURE: -35°C to +85°C

RESISTANCE TO SOLDER HEAT PER 109-202, COND B-265°
FOR 10 SECONDS

SOLDERABILITY:

SPECIFICATION EIA-364-52, CLASS 1, CATEGORY 2

1437565-2

B

A

1471-9 (3/11)