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LOC

DIST

AD

OO

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	C	ECO 07-00908	02JUL07	MB	MS

0.7
[.028]

4.5
[.177]

6.2
[.244]

2.0
[.079]

4-0.7
[.028]

6.2
[.244]

ø3.0
[.118]

7.0
[.276]

8.2
[.323]

5-1.4*1.6

8.4
[.331]

4.5
[.177]

TERMINAL NO ①

①

②

③

④

⑤

CIRCUIT DIAGRAM

2.0
[.079]

0.1
[.002]
MAX

P.C.B MOUNTING SOLDER LAND DIMENSION

SPECIFICATIONS:

MATERIALS:

HOUSING, THERMOPLASTIC, UL94-V0, BLACK

ACTUATOR, THERMOPLASTIC, UL94-V0, COLOR SEE TABLE

TERMINAL, COPPER ALLOY, PLATE- SILVER OVER NICKEL

COVER, COPPER ALLOY, TIN PLATE

CONTACT, STAINLESS STEEL, SILVER PLATE

ELECTRICAL:

MAX CONTACT RATING: 50MILLIAMPS@24V DC

MIN CONTACT RATING: 10MICROAMPS@1V DC

INITIAL CONTACT RESISTANCE, 100 MILLIOHMS MAX, PER EIA-364-23B, EACH POSITION

INSULATION RESISTANCE, 100 MEGOHM MIN. PER EIA-364-21C EACH POSITION

DIELECTRIC STRENGTH, 500 V AC FOR 1 MINUTE, PER EIA-364-20B, CONDITION 1, EACH POSITION.

CONTACT BOUNCE, 10 MILLISECOND MAX, PER EIA 448-1B, METHOD 15

MECHANICAL:

ACTUATION FORCE, SEE TABLE

ACTUATION TRAVEL, .25 +/- .1mm

LIFE EXPECTANCY, SEE TABLE, VALUES GIVEN ARE MINIMUM, (2 CYCLES PER SECOND AND 150% ACTUATION FORCE), PER EIA-448 METHODS 8 & 9

VIBRATION, PER EIA 364-28D, CONDITION VII, LEVEL E, DURATION 1.5 HOURS

MECHANICAL SHOCK, PER EIA-364-27C, CONDITION A

ENVIRONMENTAL:

OPERATING TEMPERATURE, -35° TO +85°C, PER EIA-448, METHOD 10 (2 CYCLES PER SECOND)

STORAGE TEMPERATURE, -35° TO +85°C

HUMIDITY AND TEMPERATURE CYCLING PER EIA-364-31B, METHOD III

THERMAL SHOCK, PER EIA-364-32C, -35 TO +85 DEGREES C

SOLDERABILITY, PER EIA-364-52, CLASS 2, CATEGORY 1, TEMP, 245 DEGREES C MAX, TIME, 2.5

SECONDS MAX, 95% MINIMUM COVERAGE

RESISTANCE TO SOLDER HEAT, PER 109-201 COND B

1. NO CHANGE IN INITIAL ELECTRICAL AND MECHANICAL CHARACTERISTICS

NOTES:

1. TAPE AND REEL PACKAGING PER EIA 481, TAPE WIDTH 12MM, PITCH 8.0MM, 3000 PER REEL

2. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF27JAN2003 (ROHS)

VIOLET	T&R	100,000	260±50gf	2.5mm	1-1571636-0
VIOLET	BULK	100,000	260±50gf	2.5mm	1571636-9
RED	T&R	1,000,000	160±50gf	2.0mm	1571636-8
RED	BULK	1,000,000	160±50gf	2.0mm	1571636-7
RED	T&R	1,000,000	160±50gf	2.5mm	1571636-6
RED	BULK	1,000,000	160±50gf	2.5mm	1571636-5
GREEN	T&R	1,000,000	100±50gf	2.5mm	1571636-4
GREEN	BULK	1,000,000	100±50gf	2.5mm	1571636-3
IVORY	T&R	1,000,000	50±30gf	2.5mm	1571636-2
IVORY	BULK	1,000,000	50±30gf	2.5mm	1571636-1
COLOR	PACKAGING	CYCLE LIFE	FORCE	DIM L	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

0

1

2

3

4

PLC

±

-

±

0.3

±

-

±

-

±

-

±

-

±

-

ANGLES

±

-

FINISH

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± 0.3

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH -

MATERIAL

SEE NOTES

22SEP03

M.BINNER

22SEP03

M.SARVER

22SEP03

M.SARVER

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

-

CUSTOMER DRAWING

DWN

22SEP03

CHK

22SEP03

APVD

22SEP03

NAME

PUSHBUTTON SWITCH, 6X6 mm, SMT, GULL WING, W/ESD TERMINAL

SIZE

A2

CAGE CODE

00779

DRAWING NO

C=1571636

RESTRICTED TO

-

SCALE

10:1

SHEET

1

OF

1

REV

C

Tyco Electronics

Tyco Electronics Corporation

Harrisburg, Pa 17105-3608

1571636