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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00	B	ECO-07-000908	02JUL07	MB MS

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:

1 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)

Dimensions: .472, .122, .047, .264, .472, .295, .067, .170, .039, .028, .197, .382, .516

Dimensions: .283, .079, .236, .394, .085, .012, .150, .087, .354, .354

Dimensions: ∅.059 2X, .091 2X, .051, .197, .354

RECOMMENDED
 PCB LAYOUT
 TOLERANCE ±.002
 UNLESS OTHERWISE NOTED

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BSV	14MAY2004	Tyco Electronics Corporation Harrisburg, Pa 17105-3808	
DIMENSIONS: INCHES		CHK -	APVD M.S.SARVER	NAME PUSHBUTTON SWITCH FSM104	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		DRAWING NO A2 00779	
0 PLC ± -		APPLICATION SPEC		CAGE CODE 00779	
1 PLC ± -		WEIGHT		RESTRICTED TO	
2 PLC ± -		SCALE 4:1		SHEET 1 OF 1	
3 PLC ± .010		CUSTOMER DRAWING		REV B	
4 PLC ± -					
ANGLES ± -					
FINISH					

AMP 1471-9 REV 31MAR2000

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