

4

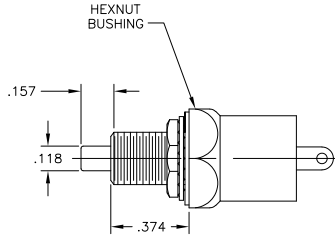
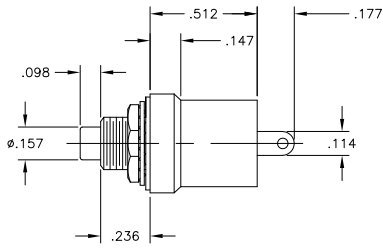
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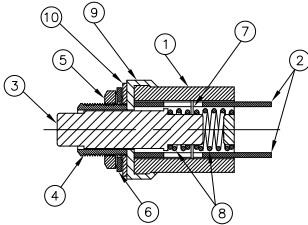
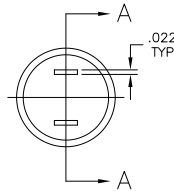
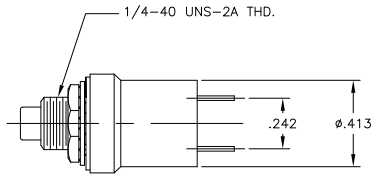
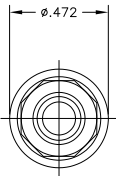
LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	BY	APPD
AD	00	A1	REVISED PER ECO-11-004820	11MAR11	RK HMR



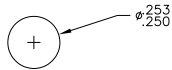
MSP103C204 ONLY

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

SPECIFICATIONS	
CONTACT RATING	MIN. 100mA @ 5VAC/DC MAX. 3A @ 125VAC
INITIAL CONTACT RESISTANCE	20MILLIOHMS MAX AT 1A, 2-4 VDC
INSULATION RESISTANCE	100 MEGAOHMS MIN AT 500VDC
DIELECTRIC STRENGTH	1000 VAC, 1 MINUTE
ELECTRICAL LIFE	5000 OPERATIONS
OPERATING TEMPERATURE	-20°C TO 80°C
STORAGE TEMPERATURE	-20°C TO 80°C
RECOMMENDED SOLDER TEMP.	HAND SOLDER 420°C MAX, 3 SECONDS MAX.



SECTION A-A



RECOMMENDED PANEL CUTOUT

MATERIAL CHART				
ITEM	COMPONENT	BASE MATERIAL	FINISH	QTY
1	CASE	PHENOL RESIN, BLACK, UL94-HB		1
2	TERMINAL	COPPER ALLOY	SILVER	2
3	ACTUATOR BUTTON	POLYCARBONATE RESIN, UL94V-2		1
4	BUSHING	BRASS	NICKEL	1
5	HEX. NUT	BRASS	NICKEL	1
6	LOCKWASHER	STEEL	ZINC	1
7	MOVABLE CONTACT	COPPER ALLOY	SILVER	1
8	SPRING	MUSIC WIRE	OIL TREATED	2
9	INSULATING PLATE	PAPER PHENOL RESIN, NATURAL, UL94HB		1
10	FLAT WASHER	BRASS	NICKEL	1

SPST	NO	RED	MSP103C204	1825516-4
SPST	NO	BLACK	MSP103C004	1825516-3
SPST	NO	RED	MSP103C04	1825516-2
SPST	NC	BLACK	MSP103B04	1825516-1
TYPE	MOMENTARY ACTION	ACTUATOR BUTTON COLOR	ALCO P/N	P/N

THIS DRAWING IS A CONTROLLED DOCUMENT.

DESIGNED BY: M. ZITTO	010E005	 TE Connectivity
CHECKED BY: M. ZITTO	010E005	
APPROVED BY: M. ZITTO	010E005	
DATE: 010E005		
DIMENSIONS: INCHES		PRODUCT SPEC: SWITCH, PUSHBUTTON MSP103, SILVER
MATERIAL: SEE TABLE		FINISH: SEE TABLE
APPLICATION SPEC: A2		SIZE: A2
WEIGHT: -		CAGE CODE: -
CUSTOMER DRAWING		DRAWING NO: C=1825516
SCALE: 3:1		SHEET: 1 of 1
REV: A1		