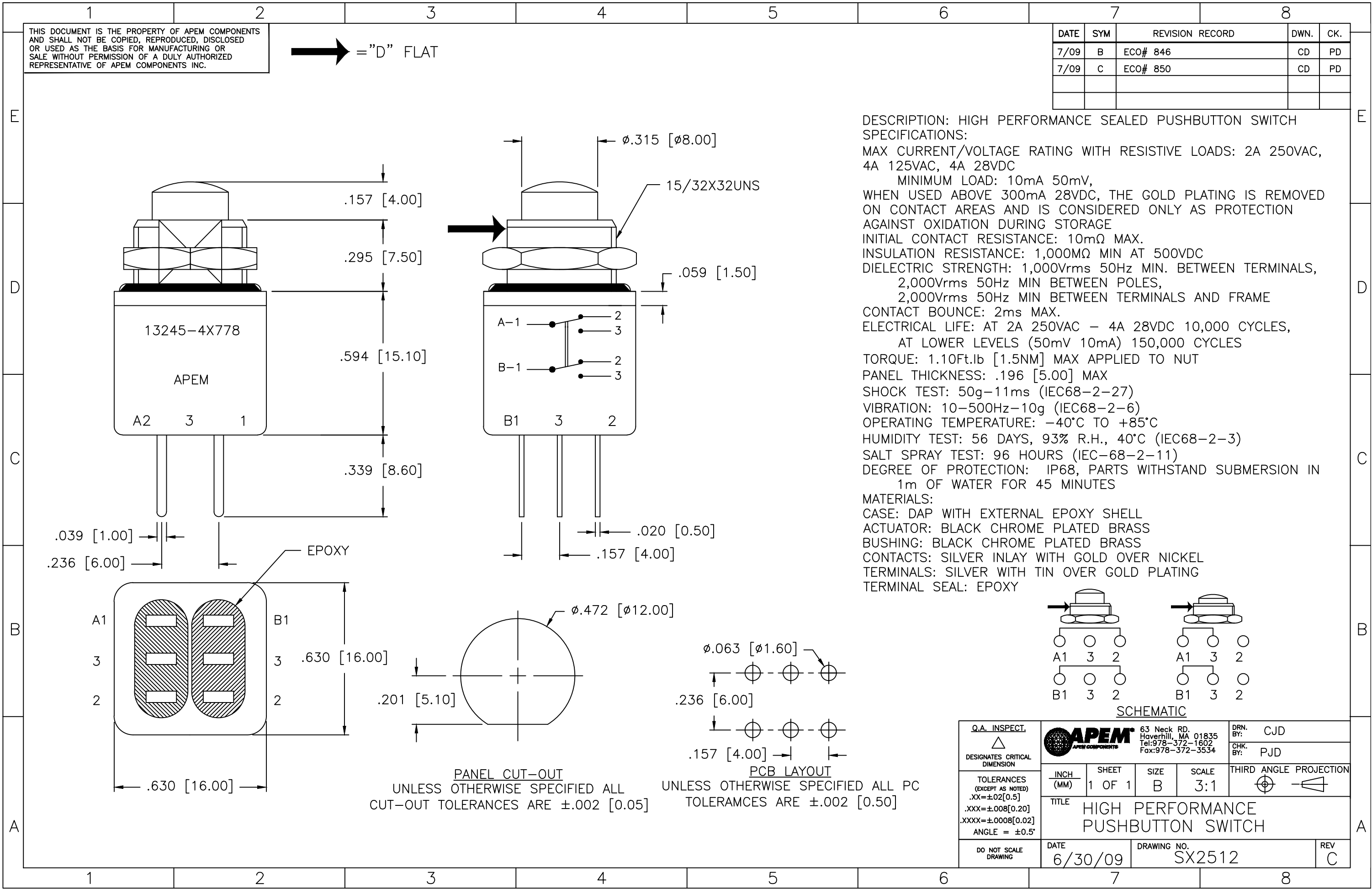




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→ = "D" FLAT

DATE	SYM	REVISION RECORD	DWN.	CK.
7/09	B	ECO# 846	CD	PD
7/09	C	ECO# 850	CD	PD

DESCRIPTION: HIGH PERFORMANCE SEALED PUSHBUTTON SWITCH

SPECIFICATIONS:

MAX CURRENT/VOLTAGE RATING WITH RESISTIVE LOADS: 2A 250VAC, 4A 125VAC, 4A 28VDC

MINIMUM LOAD: 10mA 50mV,

WHEN USED ABOVE 300mA 28VDC, THE GOLD PLATING IS REMOVED ON CONTACT AREAS AND IS CONSIDERED ONLY AS PROTECTION AGAINST OXIDATION DURING STORAGE

INITIAL CONTACT RESISTANCE: 10mΩ MAX.

INSULATION RESISTANCE: 1,000MΩ MIN AT 500VDC

DIELECTRIC STRENGTH: 1,000Vrms 50Hz MIN. BETWEEN TERMINALS, 2,000Vrms 50Hz MIN BETWEEN POLES, 2,000Vrms 50Hz MIN BETWEEN TERMINALS AND FRAME

CONTACT BOUNCE: 2ms MAX.

ELECTRICAL LIFE: AT 2A 250VAC – 4A 28VDC 10,000 CYCLES, AT LOWER LEVELS (50mV 10mA) 150,000 CYCLES

TORQUE: 1.10Ft.lb [1.5NM] MAX APPLIED TO NUT

PANEL THICKNESS: .196 [5.00] MAX

SHOCK TEST: 50g–11ms (IEC68–2–27)

VIBRATION: 10–500Hz–10g (IEC68–2–6)

OPERATING TEMPERATURE: –40°C TO +85°C

HUMIDITY TEST: 56 DAYS, 93% R.H., 40°C (IEC68–2–3)

SALT SPRAY TEST: 96 HOURS (IEC–68–2–11)

DEGREE OF PROTECTION: IP68, PARTS WITHSTAND SUBMERSION IN 1m OF WATER FOR 45 MINUTES

MATERIALS:

CASE: DAP WITH EXTERNAL EPOXY SHELL

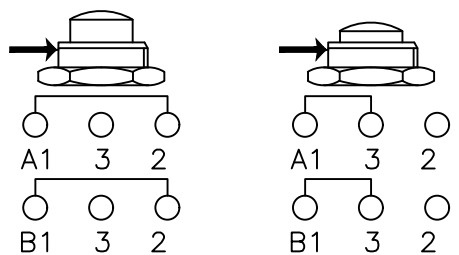
ACTUATOR: BLACK CHROME PLATED BRASS

BUSHING: BLACK CHROME PLATED BRASS

CONTACTS: SILVER INLAY WITH GOLD OVER NICKEL

TERMINALS: SILVER WITH TIN OVER GOLD PLATING

TERMINAL SEAL: EPOXY



SCHEMATIC

Q.A. INSPECT. DESIGNATES CRITICAL DIMENSION	APEM 63 Neck RD. Haverhill, MA 01835 Tel:978-372-1602 Fax:978-372-3534				DRN. BY: CJD
TOLERANCES (EXCEPT AS NOTED) .XX=±0.02[0.5] .XXX=±0.008[0.20] .XXXX=±0.0008[0.02] ANGLE = ±0.5°	INCH (MM)	SHEET 1 OF 1	SIZE B	SCALE 3:1	CHK. BY: PJD
DO NOT SCALE DRAWING	DATE 6/30/09 DRAWING NO. SX2512				REV C