

IN Production

By CER

M071E

203-0071-00

CHANNEL SWITCHDescription:

Has two push-pull inputs. 50 ohm terminating resistors are external to the package. Has one push-pull output. Output impedance - 50 Ω per side. Operating modes: CH1/CH2, ADD or OFF. Provides remote selection of the vertical signal for the 7904.

IC Process: SHF II, Nichrome resistors, two-layer metal.

Input: 25 mV/Division per side, maximum signal limits: ! 30 division, usable signal limits: ! 15 division, maximum common mode signal: ! 0.5 volt, input impedance: 50 Ω ! 1%.

Risetime: Approximately 500 psec, 25 Ω source, 50 Ω load.

Gain: 2X Current or voltage gain (with a 50 Ω load). Insertion gain: 2X (50 Ω).

Output: DC lead + 6 volts, current: 80 mA, maximum current swing: ! 20 mA into 50 Ω load, impedance: 50 Ω , capacitance: Approximately 4.5 pf.

Substrate: 12 mA at -3.7 volts.

Power Supply: > 900 mW.

Package: 24 Pin package, short bonding wires, 100 Ω p.p. transmission line, 900 mW power dissipation.

Designer: Hans Springer

ICE Contact: George Wilson

<u>Instrument Usage:</u>	155-0060-00	155-0060-01
	7903 (1)	7903 (1)
	7904 (1)	7904 (2)
	7912 (1)	

