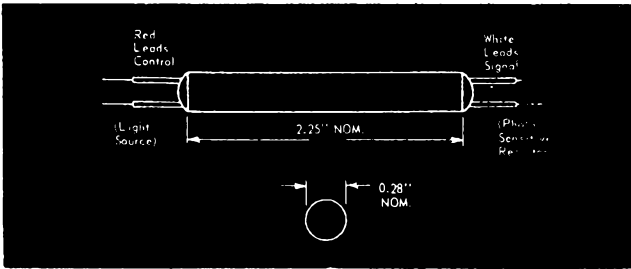
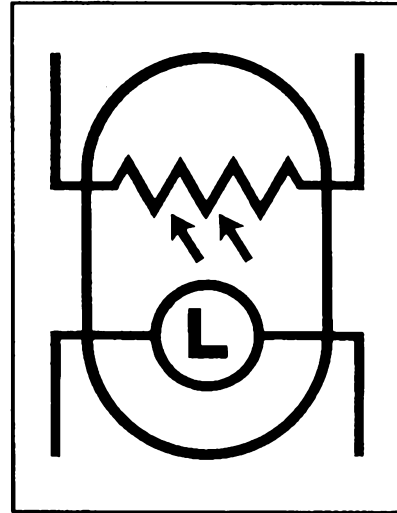


RAYTHEON **the raysistor**[®]

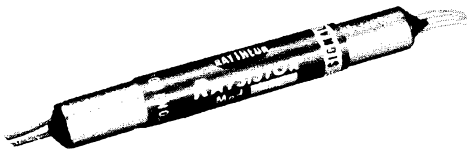
The Raysistor is a four terminal optoelectronic device which performs a variety of control functions, providing noise-free control of AC or DC signals over a wide dynamic range without transients or contact (or wiper) chatter. Since there are no moving parts, Raysistors are exceptionally rugged and have inherently long life in typical applications as variable resistors, solid state switches, relays, and voltage or signal isolators.

Operation of the Raysistor is on the principle of controlled light acting on a photoresistive element. No electrical or mechanical connection exists between the control and signal circuits.

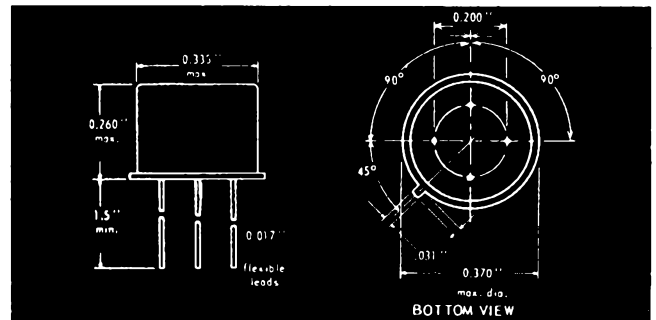


TERMINAL CONNECTIONS

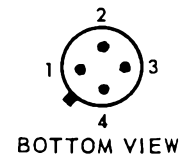
Red leads to control circuit (Light Source)
White leads to signal circuit (Photocell)



CK1101, CK1102, CK1103, CK1104, CK1111, CK1112

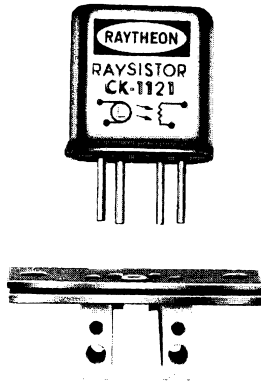


TERMINAL CONNECTIONS

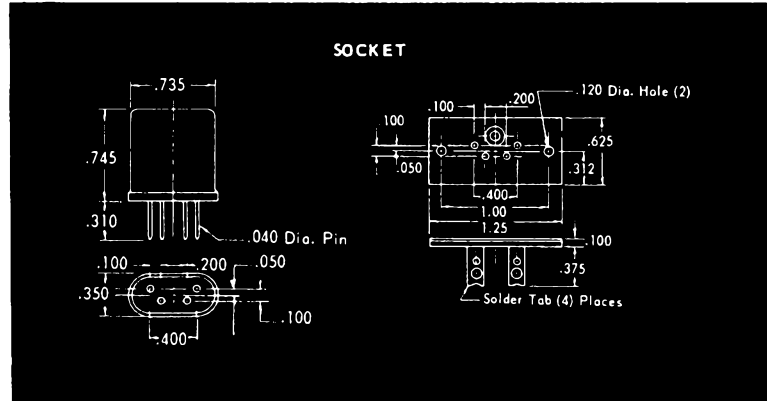


CK1114, CK1115, CK1116

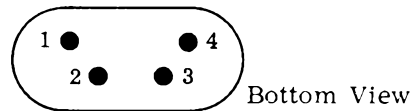
Leads 2 and 4 . . . Control Circuit (Light Source)
Leads 1 and 3 Signal Circuit (Photocell)



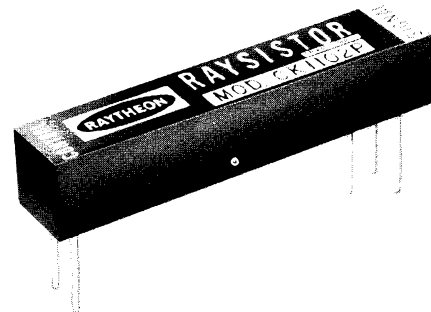
CK1121, CK1122,
CK1123, CK1124^J



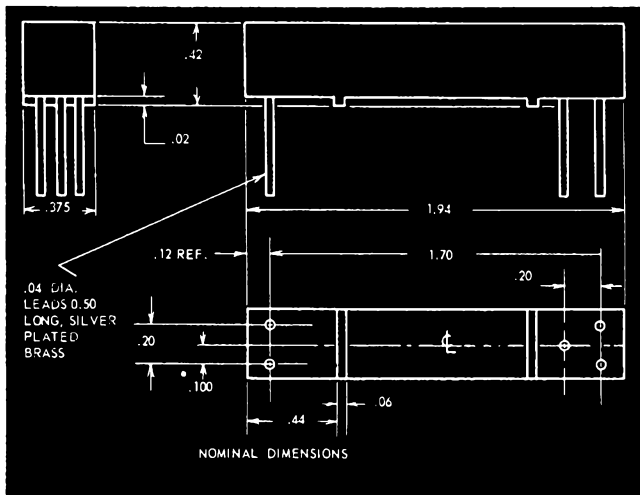
TERMINAL CONNECTIONS



Pins 1, 2 Control Circuit (Light Source)
Pins 3, 4 Signal Circuit (Photoresistor)



CK1101P, CK1102P, CK1103P,
CK1104P, CK1111P, CK1112P



TERMINAL CONNECTIONS



Bottom View.

Pins 1, 2. Control Circuit (Light Source)
Pin 3. Shield (Ground)
Pins 4, 5. Signal Circuit (Photocell)

Distributors of Raytheon Components in the United Kingdom

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