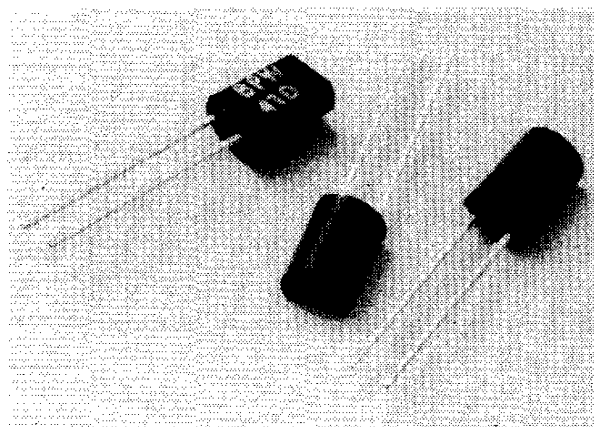


INFRA-RED PHOTODETECTOR

The BPW41D is a large area, silicon p.i.n. photodiode having a low junction capacitance and consequently capable of fast response times. The active chip is packaged in a plastic moulding which contains a near infra-red transmissive filter such that the device is sensitive to infra-red radiation only, and has a high rejection of wavelengths below 800 nm. The BPW41D is therefore eminently suitable for use in I.R. remote control links.

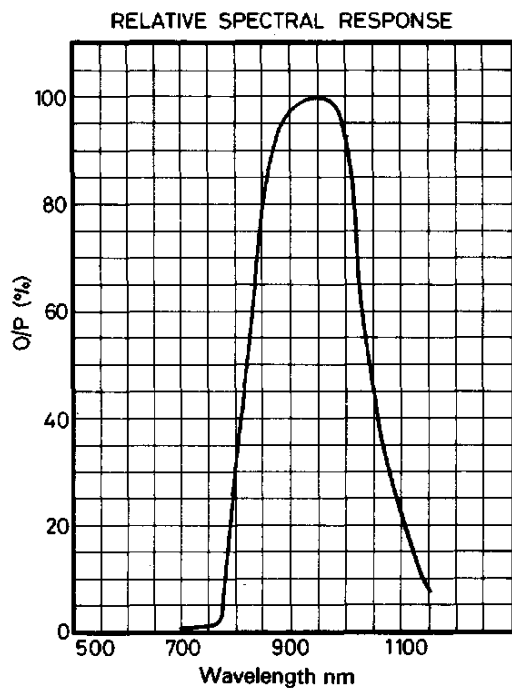
**I.R. REMOTE CONTROL APPLICATIONS ADVICE**

Advice is available on complete I.R. remote control systems for applications such as those listed below. The combination of I.R. emitting diode, photo-detector and detector electronics is critical in defining the performance of a remote control system, and advice is freely available as to the best system combination for a given application.

SUITABLE APPLICATIONS FOR I.R. REMOTE CONTROL

Television, Hi-Fi Systems, Slide Projectors, Model Cars, Trains, etc., Garage Doors, Domestic Appliances.

(See inside front cover for spectral response).



RELATIVE SPECTRAL RESPONSE

