

# CP / 175H10 plate choke

## Multi-sectionalized plate choke

- Hi-grade FeSi grain oriented C-core
- Extremely low parasitic capacitance
- In house developed winding scheme & coil former
- Very large bandwidth (>200kHz)
- 10 mA nominal DC current
- Encapsulated in metal enclosure

The CP/175H10 is an extremely low capacitance plate choke designed to operate in conjunction with triodes having low to medium plate resistance like 12AU7, 6SN7, ECC84, E80CC, type 26, 27, 56 etc. Application of choke coupling with these tubes demand extremely low parasitic capacitance. We realize this by using a special winding scheme combined with an in house developed 8-chamber coil former with extended side-to-side sectionalisation.

## E L E C T R I C A L   D A T A

Max dc current	10mA
Bandwidth (-3 dB loaded 100k/50pF)	6 – 224,000 Hz For 7k7 int resistance Driver (12AU7)
Core saturation	20Hz @ 100 Vrms 10Hz @ 50V rms
Inductance (at 10V/50Hz)	175 Hy
Winding DC resistance	420 Ω
Parasitic capacitance	18.8 pF
Size CASE-0 enclosure (w x d x h)	87x71x101.5mm

### Measurement setup

