



**LOW OHM
POWER RESISTORS**

**HRE
SERIES
Size 4026**

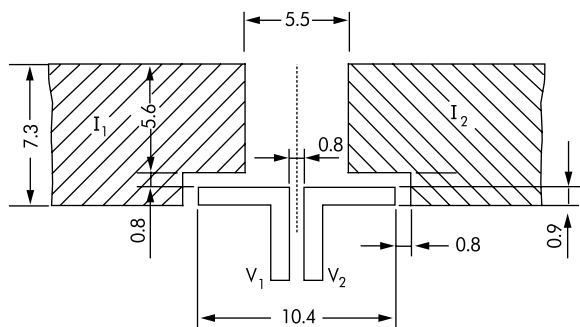
- Open frame electron beam welded punched out type
 - Power Rating at 100°C - upto 5W
 - Power Rating at 70°C - upto 10W
- R0002 to R003





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RECOMMENDED PCB - LAYOUT



RECOMMENDED SOLDER PROFILE

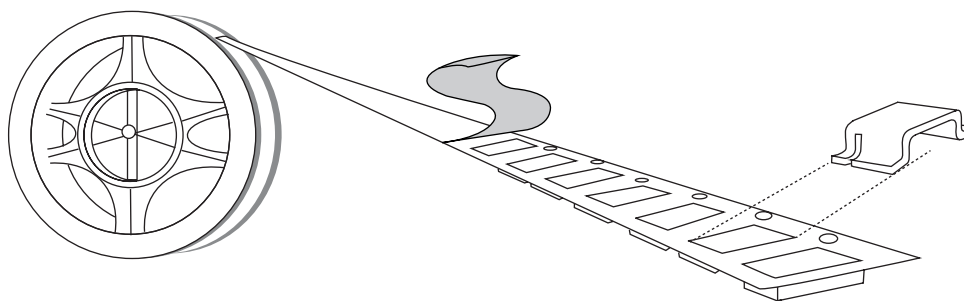
Reflow, IR - Soldering			
Temperature (°C)	260	255	217
Time (Sec)	Peak	40	90

PACKING

A. BULK

Resistors shall be packed in sealed plastic packets with silica gel pouch placed in small cardboard cartons (Type 'I' Box) of approximate size 70mmx70mmx70mm - 500pcs. & such 4 Boxes packed in (Type 'A' Box) of approximate size 200mmx150mmx70mm & 8 Boxes in (Type 'B' Box) of approximate size 295mmx140mmx80mm. & such 36 Boxes of Type 'I' or 6 Boxes of Type 'A' packed in Master Carton of approximate size 320mmx245mmx245mm.

B. TAPE & REEL PACKING



SPECIFICATION	TAPEWIDTH	PARTS PER REEL
EIA-481-D	24mm	1400 pcs

Storage Condition (Packed) : Temp 25°C to 35°C, Humidity 30 to 80% RH, Shelf life-12 months

Floor Life (Unpacked) : Temp 25°C to 35°C, Humidity 30 to 80% RH, Floor life-15 days

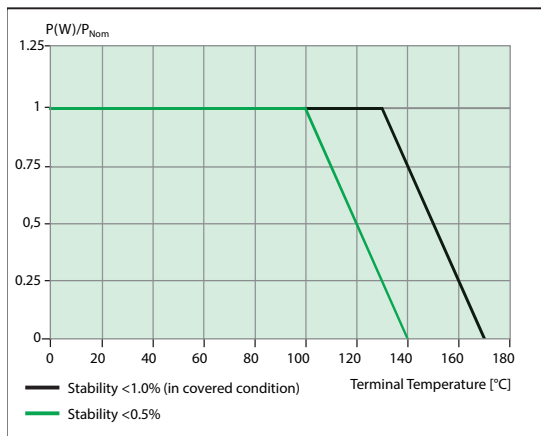
MARKING

HTR PART NO	PRINTING
HRE5W* R0002 F	HTR R0002 1% DATECODE

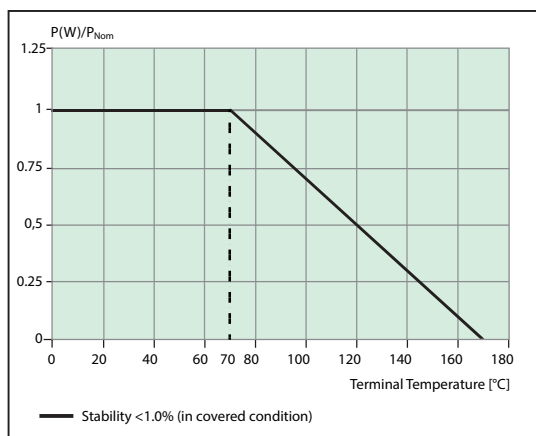
ORDERING INFORMATION

SERIES	TYPE	PACKING	RESISTANCE VALUE	TOLERANCE
HRE	HRE4W / HRE4W*	Bulk - HRE4W / HRE4W* Tape & Reel - HRE4WTR / HRE4W*TR	R002	F

TYPICAL POWER DERATING CURVE FOR RESISTOR WHEN FULL POWER IS AT 100°C & 135°C

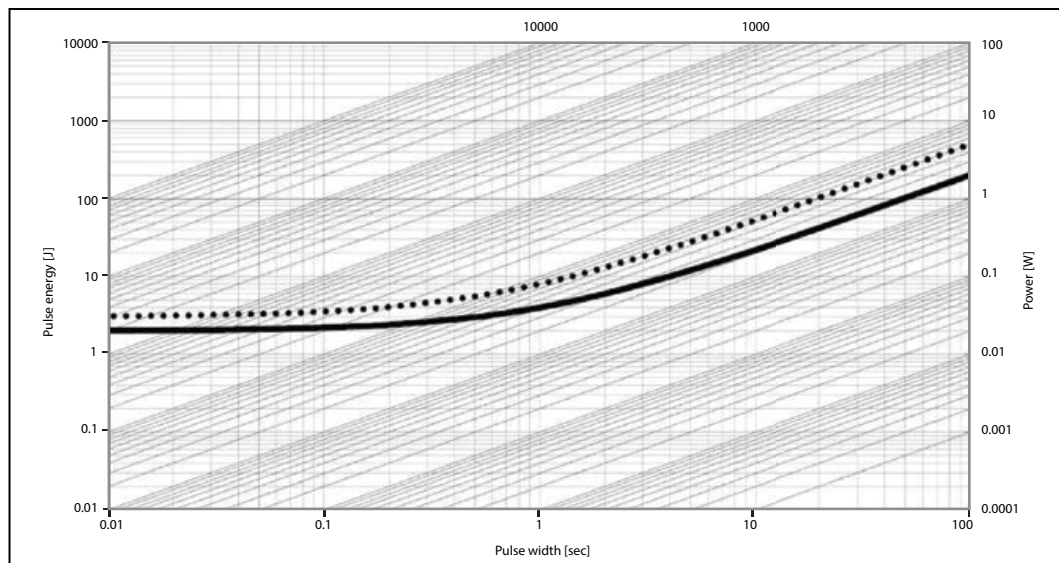


TYPICAL POWER DERATING CURVE FOR RESISTOR WHEN FULL POWER IS AT 70°C



In case the Design Engineer requires a specific graph of a particular component it can be supplied on request.

MAXIMUM PULSE ENERGY WITH RESPECT TO PULSE POWER FOR PERMANANT OPERATION



In this graph the max. & min. curve are shown as ••• and — for all resistance values, the area between the max. & min. curve is applicable. In case the Design Engineer requires a specific graph of a particular component it can be supplied on request.

TYPICAL TEMPERATURE DEPENDANCE ELECTRICAL RESISTANCE

