



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

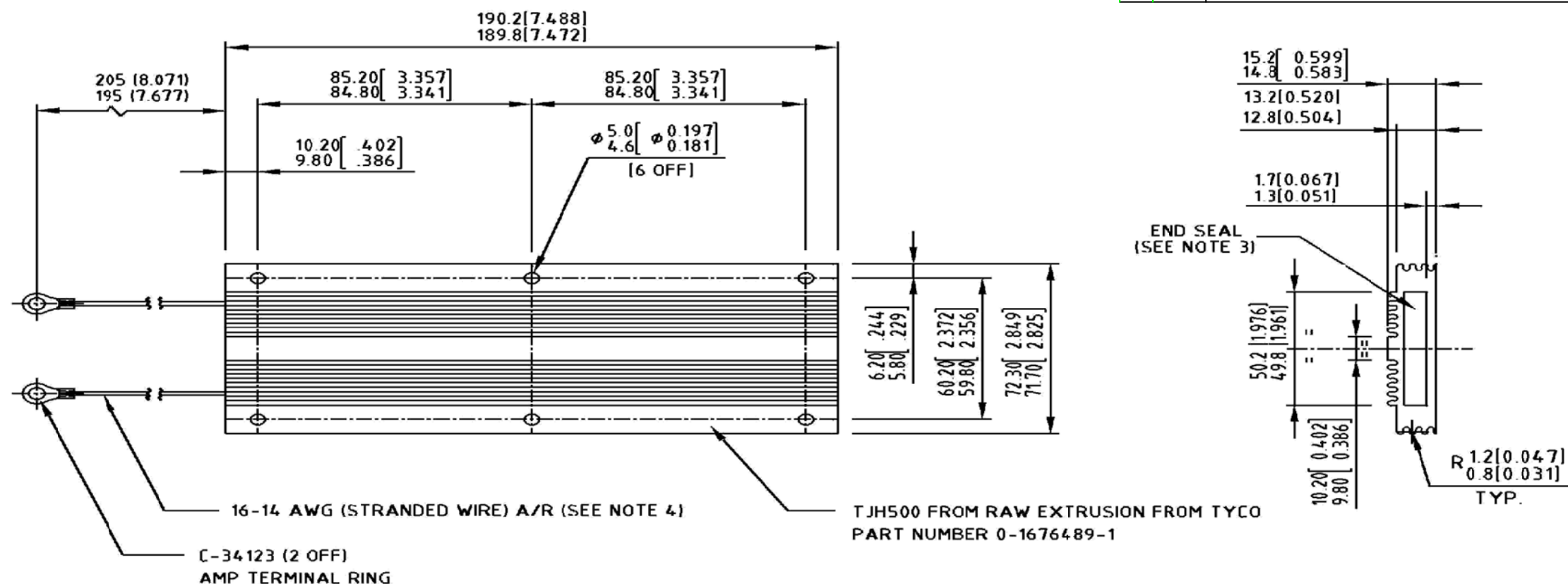
C

ECR-06-001568

23-01-06

C.B.

J.C.



## SPECIFICATION TABLE

TYCO PART No. : 0-1630954-1

POWER RATING

400W

POWER RATING AT 400W FOR A MAXIMUM CASE SURFACE TEMP RISE OF 150 C

RESISTANCE

10 ohms

STANDARD TOLERANCE

±10%

INSULATION VOLTAGE ACrms

2.5KV

INSULATION RESISTANCE GOhm

≥90

SERIES INDUCTANCE uH

5.4

OPERATING TEMPERATURE RANGE

-60 C TO +150 C

HEAT SINK RATING

0.38 C/W

## NOTES :

1. FINISH : EXTRUSION TO BE CLEAN AND DEBURRED  
EXTRUSION TO BE ANODISED NATURAL CLEAR 9um +/- 1um
2. INTERNAL FILLER FORTAFIX CEMENT.
3. END SEAL : BOTH ENDS TO BE SEALED WITH DOW CORNING 736 SEALANT
4. WIRE : 32/0.2mm SILICONE COATED NICKEL COATED COPPER WIRE

MANUFACTURER : TYCO

ORDERING PROCEDURE :

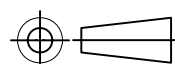
QUOTE GOODRICH REFERENCE NUMBER, CURRENT ISSUE OF DRAWING  
86603343, CURRENT ISSUE OF DRAWING

THIS ITEM IS FOR AEROSPACE APPLICATION AND IS SUBJECT TO TYPE APPROVAL TESTING. NO CHANGE TO ITEMS SUPPLIED TO THIS DESIGN STANDARD IS PERMITTED EXCEPT AS AUTHORISED BY "GOODRICH CONTROL SYSTEMS LIMITED - ENGINE CONTROL SYSTEMS". ITEMS MAY BE PURCHASED EITHER FROM THE MANUFACTURER OR THEIR APPROVED AGENTS, BUT IN ALL CASES ALTERNATIVE MANUFACTURERS TO THOSE LISTED UNDER THE GOODRICH CONTROL SYSTEMS LIMITED - ENGINE CONTROL SYSTEMS PART No. ARE NOT PERMITTED.

## Schedule

Tyco Part No.	Description	Customer Part No.
0-1630954-1	TJH500 BRAKE RESISTOR (10 Ohms) 200mm Leads	090913-01

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
MM

MATERIAL

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

0 PLC	± -
1 PLC	± 0.2
2 PLC	± -
3 PLC	± -
4 PLC	± -
ANGLES	± -

FINISH

DWN 05-09-03

Chris Bolle

CHK 05-09-03

Chris Bolle

APVD 05-09-03

Jonathan Catchpole

PRODUCT SPEC

APPLICATION SPEC

WEIGHT -

CUSTOMER DRAWING

**tyco**  
**Electronics**Tyco Electronics Corporation  
Dorcan, Swindon, GB

NAME

TJH500 BRAKE RESISTOR

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

C-1630954

SCALE 1:1

SHEET

1 OF 1

REV

C