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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

OWN

APVD

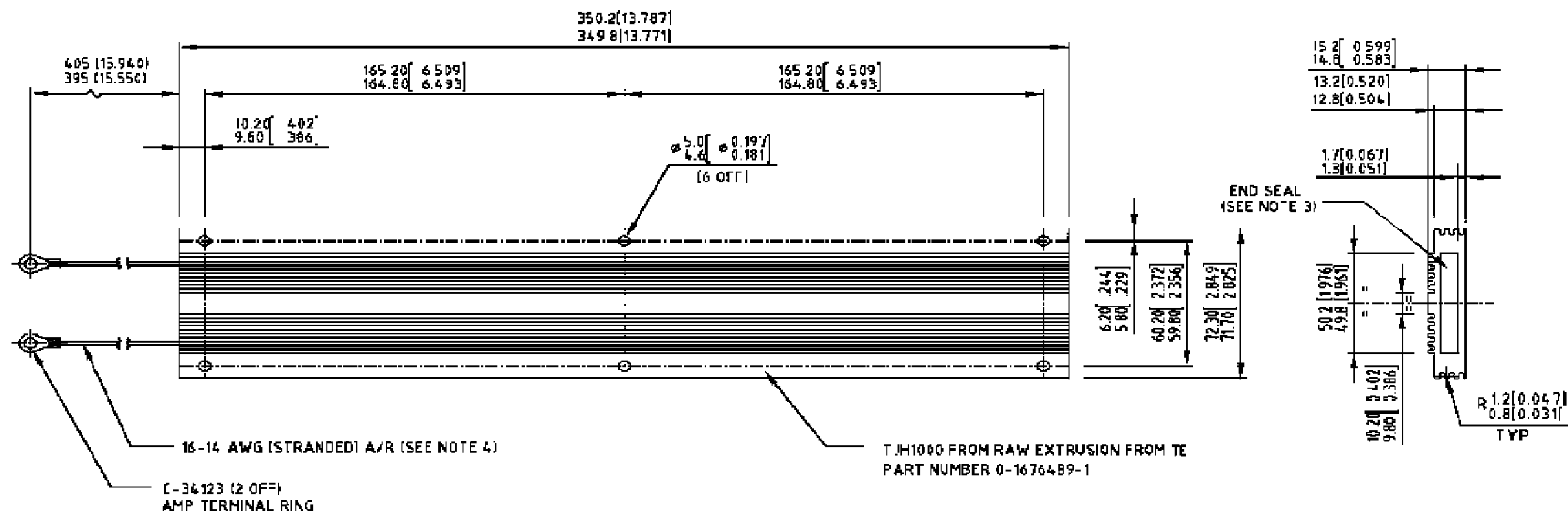
C1

ECR-10-013553

26JUN10

KK

HMR



SPECIFICATION TABLE

TE PART NO. - 0-1630955-1

POWER RATING	600W
POWER RATING 600W FOR A MAXIMUM CASE SURFACE TEMPERATURE OF 150 C	
RESISTANCE	5 Ohms
STANDARD TOLERANCE	+/- 10 %
INSULATION VOLTAGE ACrms	2.5KV
INSULATION RESISTANCE GOhm	>90
SERIES INDUCTANCE uH	6.5
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 - TE

ORDERING PROCEDURE :

QUOTE GOODRICH REFERENCE NUMBER, CURRENT ISSUE OF DRAWING
86603341, 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

TE Part No.	Description	Customer Part No.
0-1630955-1	TJH1000 BRAKE RESISTOR (5 Ohms) 400mm Leads	090915-01

NOTE:

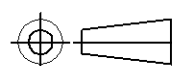


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DIMENSIONS:

MM



MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

FINISH

OWN 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 Corporation
Dorcan, Swindon, GB

NAME

TJH1000 BRAKE RESISTOR

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

C-1630955

SCALE 1:1

SHEET

1 OF 3

REV C1

4

3

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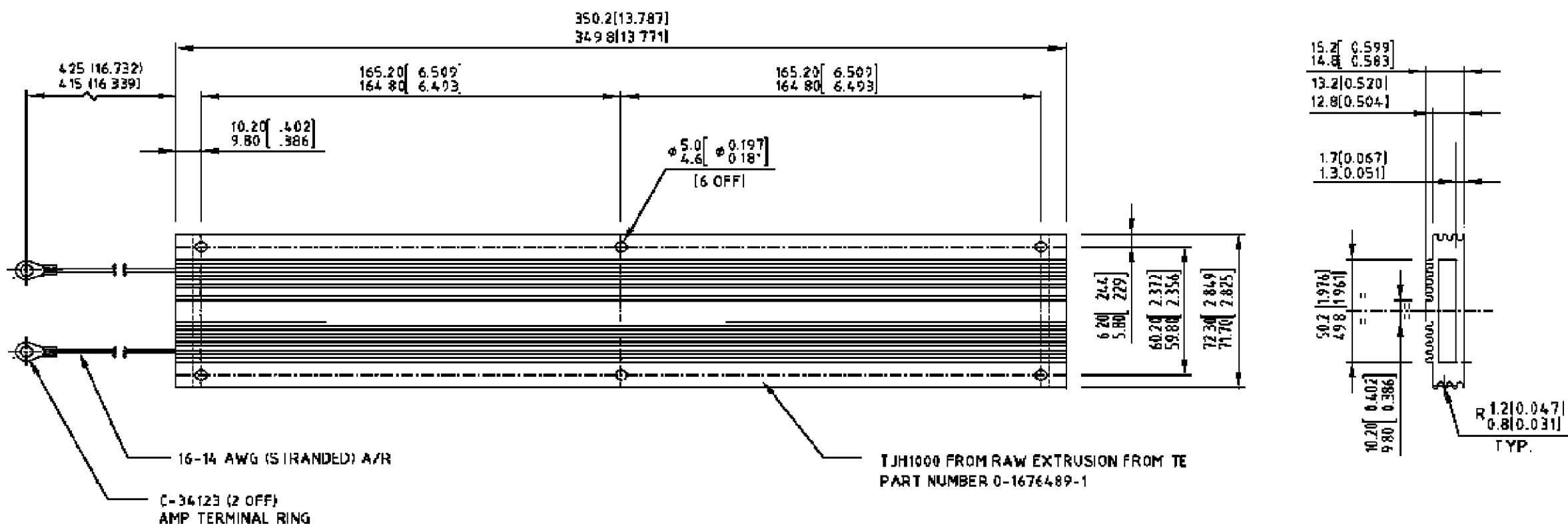
DESCRIPTION

DATE

OWN

APVD

SEE SHEET 1



SPECIFICATION TABLE

TE PART No. : 0-1630955-2

POWER RATING	600W
POWER RATING 600W 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	6.5
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 FOR TAFIX 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 - TE

ORDERING PROCEDURE :

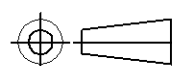
QUOTE GOODRICH REFERENCE NUMBER, CURRENT ISSUE OF DRAWING
86603352, CURRENT ISSUE OF DRAWING

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Schedule

TE Part No.	Description	Customer Part No.
0-1630955-2	TJH1000 BRAKE RESISTOR (10 Ohms) 420mm Leads	86603352

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DIMENSIONS:
MM

MATERIAL

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

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

OWN 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 Corporation
Dorcan, Swindon, GB

NAME

TJH1000 BRAKE RESISTOR

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

C-1630955

SCALE 1:1

SHEET

2 OF 3

REV C1

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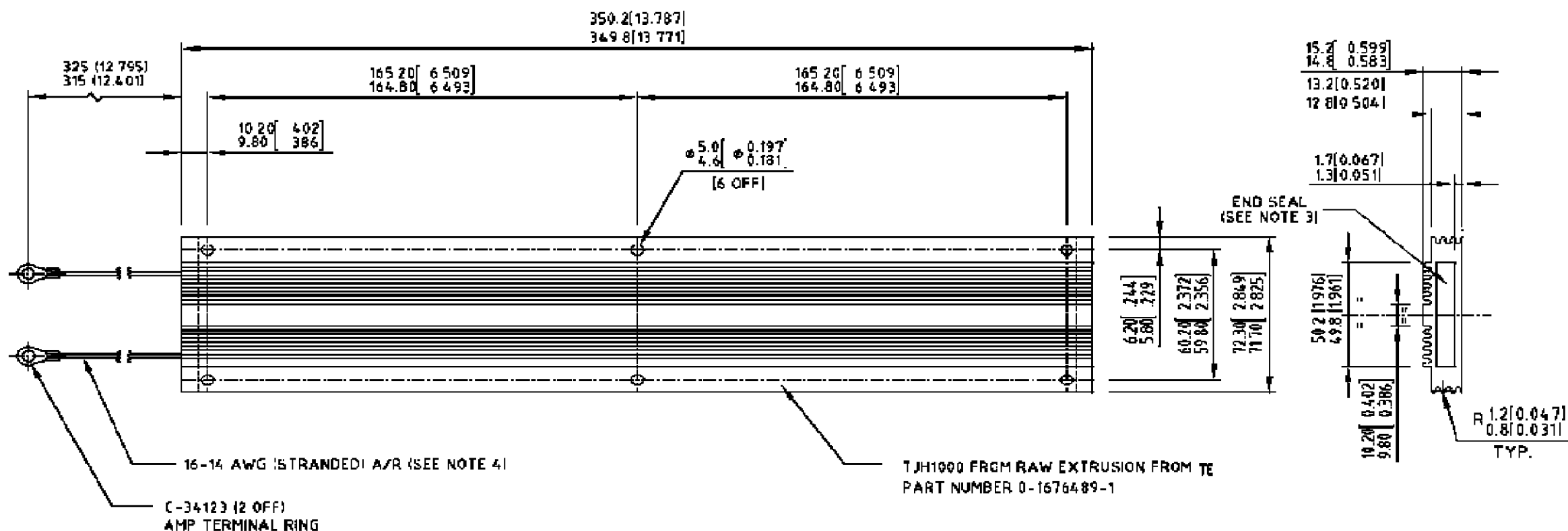
DESCRIPTION

DATE

OWN

APVD

SEE SHEET 1



SPECIFICATION TABLE

TE Part No. 0-1630955-3

POWER RATING	600W
POWER RATING 600W FOR A MAXIMUM CASE SURFACE TEMP. RISE OF 150 C	
RESISTANCE	5 Ohms
STANDARD TOLERANCE	+/- 10 %
INSULATION VOLTAGE AC rms	2.5KV
INSULATION RESISTANCE GOhm	≥ 90
SERIES INDUCTANCE uH	6.5
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 : TE

ORDERING PROCEDURE :

QUOTE GOODRICH REFERENCE NUMBER, CURRENT ISSUE OF DRAWING
86603344, 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 AUTHORIZED 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.

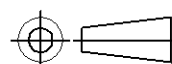
Schedule

TE Part No.	Description	Customer Part No.
0-1630955-3	TJH1000 BRAKE RESISTOR (5 Ohms) 320mm Leads	86603344

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DIMENSIONS:

MM



MATERIAL

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

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

FINISH

OWN 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 Corporation
Dorcan, Swindon, GB

NAME

TJH1000 BRAKE RESISTOR

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

C-1630955

SCALE 1:1

SHEET 3 OF 3

REV C1

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[TJH10005RJ](#) [TJH50010RJ](#) [TJH100010RJ](#) [TJH7506R0J](#)