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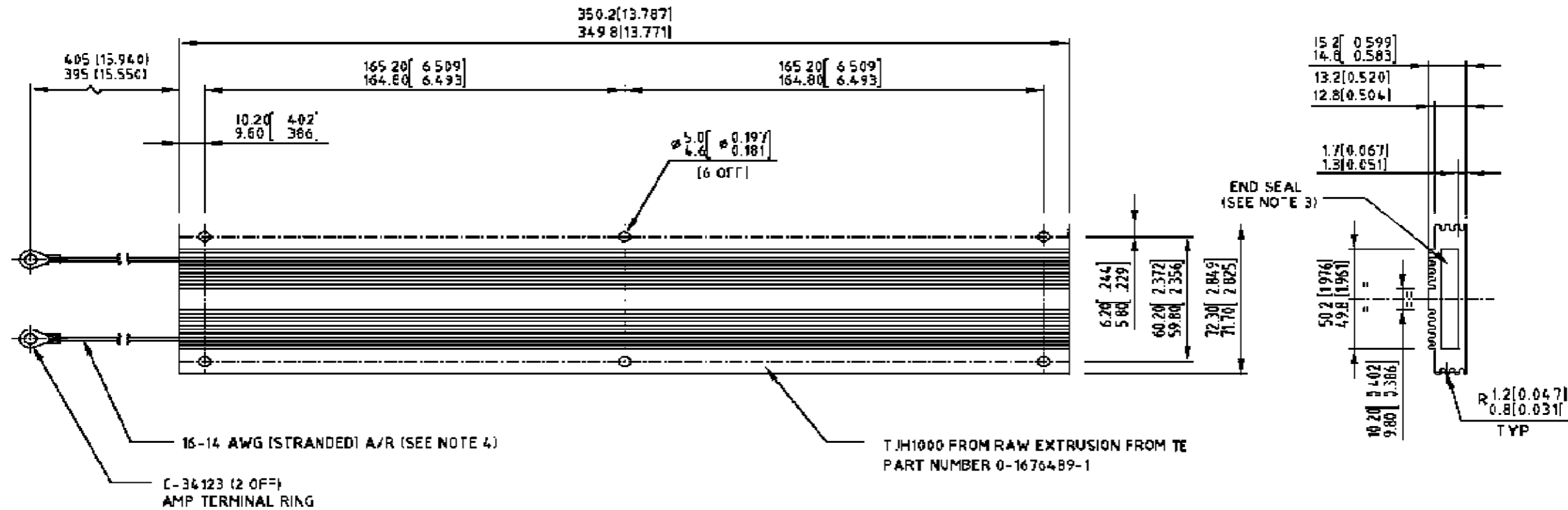
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LOC E DIST B

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	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

- FINISH : EXTRUSION TO BE CLEAN AND DEBURRED
EXTRUSION TO BE ANODISED NATURAL CLEAR 9um +/- 1um
- INTERNAL FILLER FORTAFIX CEMENT
- END SEAL : BOTH ENDS TO BE SEALED WITH DOW CORNING 736 SEALANT
- 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 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.
0-1630955-1	TJH1000 BRAKE RESISTOR (5 Ohms) 400mm Leads	090915-01

NOTE:

1 OBSOLETE

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

MATERIAL -

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

05-09-03

05-09-03

05-09-03

NAME

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

SCALE

1:1

SHEET

1 OF 3

REV C1

Tyco Electronics Tyco Electronics Corporation Dorcan, Swindon, GB

TJH1000 BRAKE RESISTOR

SIZE A3 CAGE CODE 00779 DRAWING NO C-1630955 RESTRICTED TO -

SCALE 1:1 SHEET 1 OF 3 REV C1

4

3

2

1

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LOC DIST

E B

REVISIONS

P	LTR	DESCRIPTION	DATE	OWN	APVD
	-	SEE SHEET 1	-	-	-

Technical drawing of a TJH1000 Brake Resistor. The drawing shows a side view of the resistor with various dimensions and specifications. Key dimensions include: overall length 350.2 [13.787] mm (349.8 [13.771] mm), lead length 4.25 [16.732] mm (4.15 [16.339] mm), and lead diameter 10.20 [0.402] mm (9.80 [0.386] mm). The resistor body has a diameter of 5.0 [0.197] mm (4.6 [0.181] mm) with 6 off-sets. The drawing also shows a cross-section of the resistor with dimensions for the leads and the resistor body. The leads are labeled as 16-14 AWG (STRANDED) A/R and C-34123 (2 OFF) AMP TERMINAL RING. The resistor body is labeled as TJH1000 FROM RAW EXTRUSION FROM TE PART NUMBER 0-1676489-1.

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

- FINISH : EXTRUSION TO BE CLEAN AND DEBURRED
EXTRUSION TO BE ANODISED NATURAL CLEAR 9um +/- 1um
- INTERNAL FILLER FORTAFIX CEMENT.
- END SEAL : BOTH ENDS TO BE SEALED WITH DOW CORNING 736 SEALANT
- 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:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
MM	
	0 PLC ± -
	1 PLC ± 0.2
	2 PLC ± -
	3 PLC ± -
	4 PLC ± -
	ANGLES ± -
MATERIAL	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 Corporation
Dorcan, Swindon, GB

NAME

TJH1000 BRAKE RESISTOR

SIZE

A3

CAGE CODE

00779

DRAWING NO

C-1630955

RESTRICTED TO

-

SCALE 1:1

SHEET

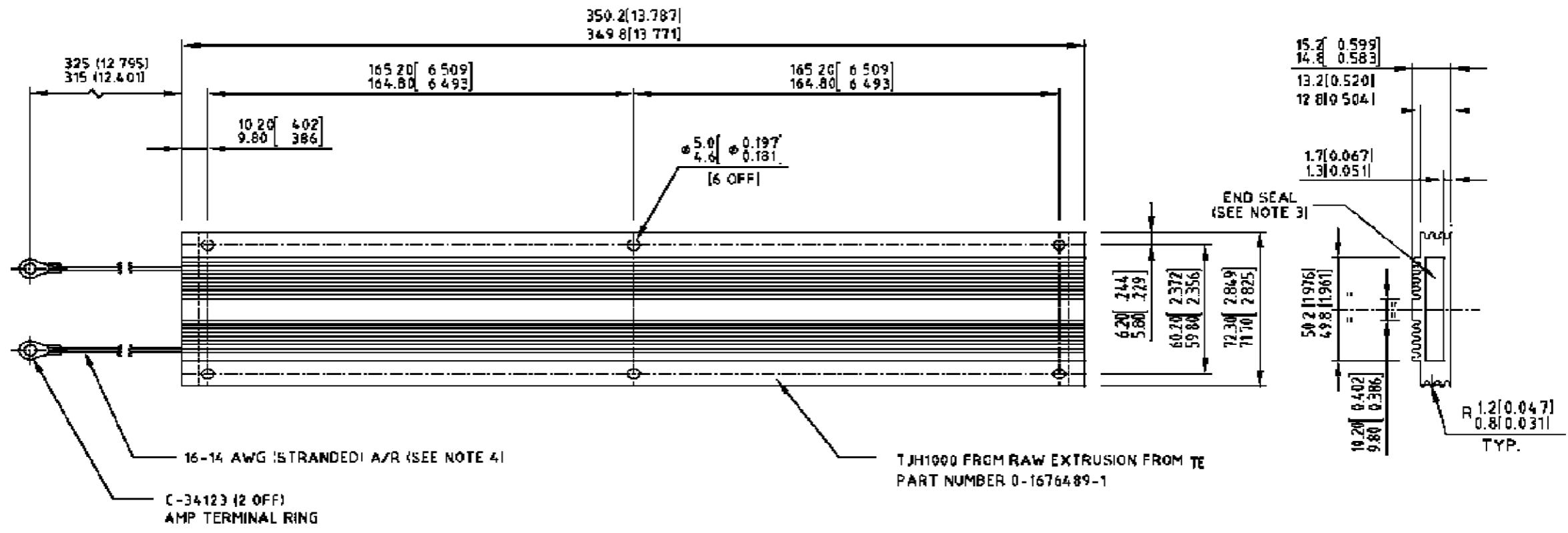
2 OF 3

REV C1

AMP 1470-19 REV 31MAR2000

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LOC		DIST		REVISIONS			
E	B	P	LTR	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 :**
- FINISH : EXTRUSION TO BE CLEAN AND DEBURRED
EXTRUSION TO BE ANODISED NATURAL CLEAR 9um +/- 1um
 - INTERNAL FILLER FORTAFIX CEMENT.
 - END SEAL : BOTH ENDS TO BE SEALED WITH DOW CORNING 736 SEALANT
 - 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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DWN	Chris Bolle	05-09-03	Tyco Electronics Corporation Dorcan, Swindon, GB
CHK	Chris Bolle	05-09-03	
APVD	Jonathan Catchpole	05-09-03	NAME TJH1000 BRAKE RESISTOR
PRODUCT SPEC			
APPLICATION SPEC			SIZE A3
WEIGHT			
CUSTOMER DRAWING			CAGE CODE 00779
			DRAWING NO C-1630955
			RESTRICTED TO -
			SCALE 1:1
			SHEET 3 OF 3
			REV C1

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