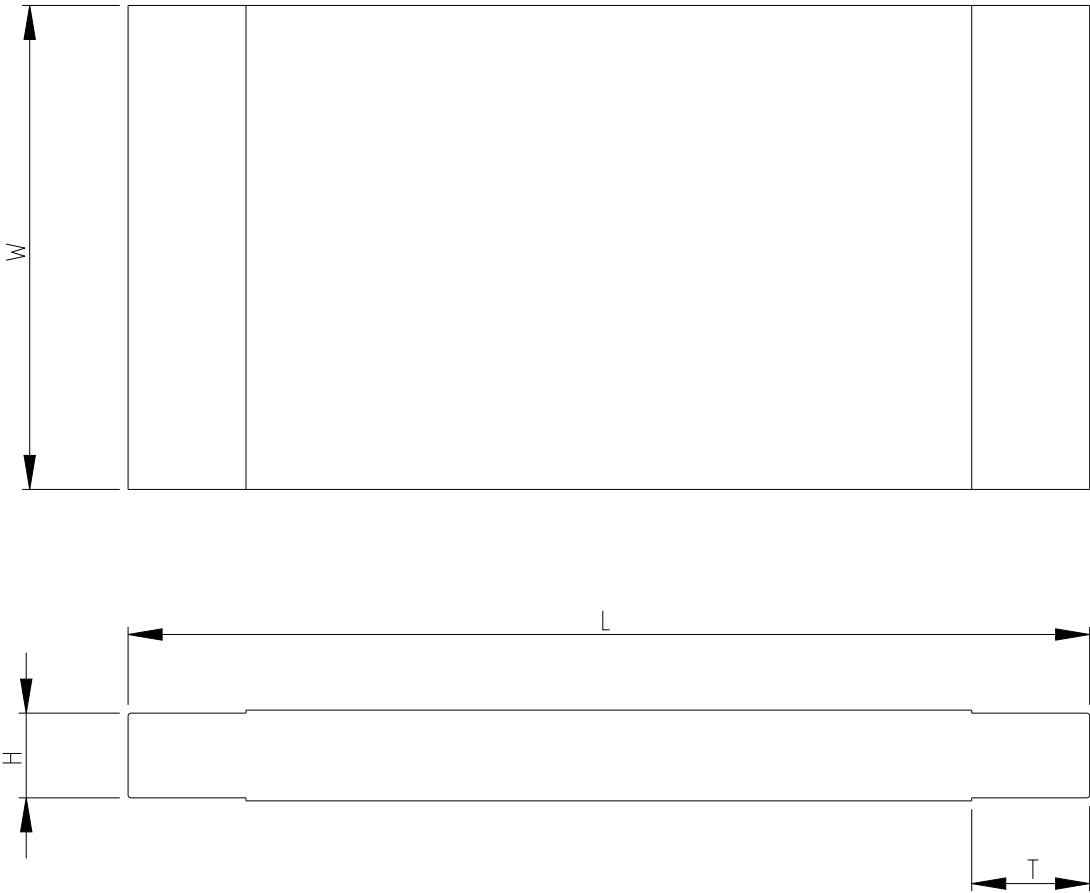


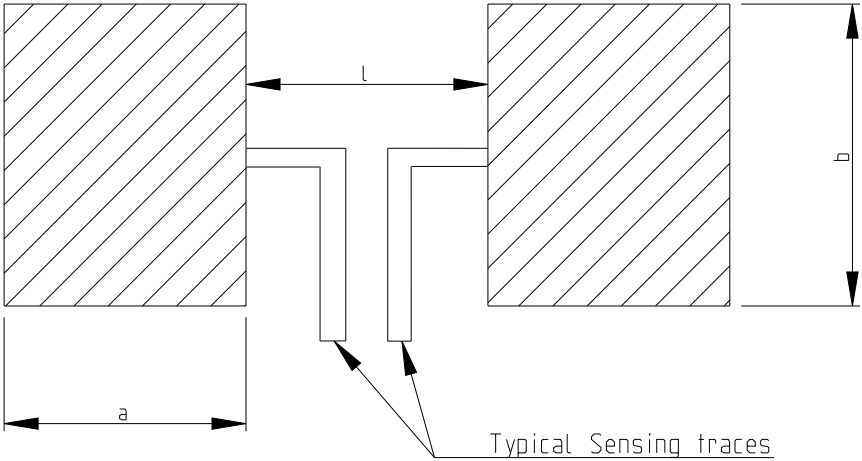
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	BA1	REVISED PER ECO-11-005150	11MAY2011	RK	HMR
	BA2		19JUL2022	LG	AP

FOR FURTHER INFORMATION SEE DATA SHEET FOR
SERIES TL3A - SMD LOW-OHMIC CURRENT SENSE RESISTORS

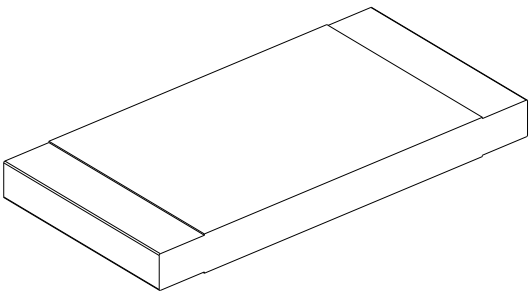


SOLDER PAD DIMENSIONS



Typical Sensing traces

RoHS Compliant



SCALE 10:1

Resistance Range	a	b	l
R0005 ~ R00099	3.05	3.68	1.27
R001 ~ R0049			
R005 ~ R0069	2.11		3.18
R007 ~ R50	1.65		4.06

Resistance Range	L	W	H	T
R0005 ~ R00099	6.35±0.254	3.18±0.254	0.635±0.254	2.72±0.254
R001 ~ R0049				2.21±0.254
R005 ~ R0069				1.19±0.254
R007 ~ R50				0.672±0.254

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL
-
material_2

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±0.2

1 PLC ±0.1

2 PLC ±-

3 PLC ±-

4 PLC ±-

ANGLES ±5°

FINISH
-
finish_spec_2

DWN
SUBHASH.M
07JAN2009

CHK
PRAKASH.S
07JAN2009

APVD
STEPHEN.P
07JAN2009

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

NAME
SMD LOW-OHMIC CURRENT SENSE
RESISTORS TYPE TL3A SERIES

SIZE
A3

CAGE CODE
00779

DRAWING NO
C-1625827

CUSTOMER DRAWING

SCALE
20:1

SHEET
1 OF 3

REV
BA2

TE Connectivity

RESTRICTED TO
-

REVISIONS

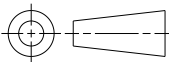
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

SCHEDULE

TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
1625827-1	TL3AR005F	TL3A R005 1%	PRODUCTION
1625827-2	TL3AR006FTDG	TL3A R006 1% 2K RL	PRODUCTION
1625827-3	TL3AR015F	TL3A R015 1%	PRODUCTION
1625827-4	TL3AR018F	TL3A R018 1%	PRODUCTION
1625827-5	TL3AR01F	TL3A R01 1%	PRODUCTION
1625827-6	TL3AR022F	TL3A R022 1%	PRODUCTION
1625827-7	TL3AR025FTDG	TL3A R025 1% 2K RL	PRODUCTION
1625827-8	TL3AR033F	TL3A R033 1%	PRODUCTION
1625827-9	TL3AR047F	TL3A R047 1%	PRODUCTION
1-1625827-0	TL3AR051F	TL3A R051 1%	PRODUCTION
1-1625827-1	TL3AR068F	TL3A R068 1%	PRODUCTION
1-1625827-2	TL3AR075F	TL3A R075 1%	PRODUCTION
1-1625827-3	TL3AR082FTDG	TL3A R082 1% 2K RL	PRODUCTION
1-1625827-4	TL3AR10FTDG	TL3A R10 1% 2K RL	PRODUCTION
1-1625827-5	TL3AR027FTDG	TL3A R027 1% 2K RL	PRODUCTION
1-1625827-6	TL3AR039FTDG	TL3A R039 1% 2K RL	PRODUCTION
1-1625827-7	TL3AR15FTDG	TL3A R15 1% 2K RL	PRODUCTION
1-1625827-8	TL3AR33FTDG	TL3A R33 1% 2K RL	DISCONTINUED

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm



MATERIAL

material_2

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ANGLES ±5°

FINISH

finish_spec_2

DWN SUBHASH.M 07JAN2009

CHK PRAKASH.S 07JAN2009

APVD STEPHEN.P 07JAN2009

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

CUSTOMER DRAWING



TE Connectivity

NAME
SMD LOW -OHMIC CURRENT SENSE
RESISTORS TYPE TL3A SERIES

SIZE

A 3

CAGE CODE

00779

DRAWING NO

1625827

RESTRICTED TO

-

SCALE

20:1

SHEET

2

OF

3

REV

BA2

REVISIONS

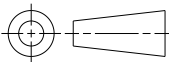
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

SCHEDULE

TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
1-1625827-9	TL3AR12FTDG	TL3A R12 1% 2K RL	DISCONTINUED
2-1625827-0	TL3AR001FTDG	TL3A R001 1% 2K RL	PRODUCTION
2-1625827-1	TL3AR002FTDG	TL3A R002 1% 2K RL	PRODUCTION
2-1625827-2	TL3AR003FTDG	TL3A R003 1% 2K RL	PRODUCTION
2-1625827-3	TL3AR004FTDG	TL3A R004 1% 2K RL	PRODUCTION
2-1625827-4	TL3AR22FTDG	TL3A R22 1% 2K RL	PRODUCTION
2-1625827-5	TL3AR47FTDG	TL3A R47 1% 2K RL	DISCONTINUED
2-1625827-6	TL3AR50FTDG	TL3A R50 1% 2K RL	DISCONTINUED
4-1625827-0	TL3AR005FTDG	TL3A R005 1% 2K RL	PRODUCTION
4-1625827-1	TL3AR015FTDG	TL3A R015 1% 2K RL	PRODUCTION
4-1625827-2	TL3AR018FTDG	TL3A R018 1% 2K RL	PRODUCTION
4-1625827-3	TL3AR01FTDG	TL3A R01 1% 2K RL	PRODUCTION
4-1625827-4	TL3AR022FTDG	TL3A R022 1% 2K RL	PRODUCTION
4-1625827-5	TL3AR033FTDG	TL3A R033 1% 2K RL	PRODUCTION
4-1625827-6	TL3AR047FTDG	TL3A R047 1% 2K RL	PRODUCTION
4-1625827-7	TL3AR051FTDG	TL3A R051 1% 2K RL	PRODUCTION
4-1625827-8	TL3AR068FTDG	TL3A R068 1% 2K RL	PRODUCTION
4-1625827-9	TL3AR075FTDG	TL3A R075 1% 2K RL	PRODUCTION
5-1625827-0	TL3AR056FTDG	TL3A R056 1% 2K RL	PRODUCTION
5-1625827-1	TL3AR02FTDG	TL3A R02 1% 2K RL	PRODUCTION

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm



MATERIAL

material_2

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4 PLC ±-
ANGLES ±5°

FINISH

finish_spec_2

DWN SUBHASH.M 07JAN2009

CHK PRAKASH.S 07JAN2009

APVD STEPHEN.P 07JAN2009

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

-

CUSTOMER DRAWING



TE Connectivity

NAME
SMD LOW -OHMIC CURRENT SENSE
RESISTORS TYPE TL3A SERIES

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A 3

00779

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SCALE

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SHEET

3 OF 3

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