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LOCAD

DIST00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	B2	REVISED PER ECO-11-004917	11MAR11	RK	HMR

SPECIFICATIONS:

MATERIALS-
INSULATOR: UL94V-0 (SEE TABLE FOR MATERIAL)
CONTACT: BERYLLIUM COPPER (SEE TABLE FOR PLATING)

ELECTRICAL-
CONTACT RESISTANCE: GOLD - 15 MILLIOHMS, PER MIL-STD-12883
TIN- 25 MILLIOHMS MAX
CONTACT RATING: 10 AMPS DC
DIELECTRIC WITHSTANDING VOLTAGE- 1500 VOLTS(RMS)

MECHANICAL-
OPERATIONAL TEMPERATURE: DAP -67F TO +257F
(-55C TO +125C)

NOTES

1. INTERPRET DRAWING PER ASME Y14.5M-1994.
2. THIS ASSEMBLY IS INTENDED FOR USE WITH SEMI-CONDUCTORS
PACKAGED WITHIN THE OUTLINE DIMENSIONS OF THE "TO-3".
3. LUG(S) IS AN INTERNAL PART OF SADDLE.
4. .000200 MIN THK TIN-LEAD PLATE OVER .000100 MIN THK COPPER PLATE.
5. .000030 MIN THK GOLD PLATE OVER .000050 MIN THK NICKEL PLATE.
6. .000500 MIN THK SILVER PLATE.
7. .000050 MIN THK GOLD PLATE OVER .000050 MIN THK NICKEL PLATE.
8. .000200 MIN THK MATTE TIN PLATE OVER .000100 MIN THK COPPER PLATE.
9. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

1	.060	DIALLYL PHTHALATE-GREEN OR BLUE	NOTE 5	8080-1G39-LF	9-1437504-9
1	.060	DIALLYL PHTHALATE-GREEN OR BLUE	NOTE 6	8080-1G37-LF	9-1437504-8
1	.060	PHENOLIC-BLACK	NOTE 6	8080-1G36-LF	6-6437504-2
1	.060	DIALLYL PHTHALATE-GREEN OR BLUE	NOTE 8	8080-1G35-LF	9-1437504-7
2	.060	DIALLYL PHTHALATE-GREEN OR BLUE	NOTE 5	8080-1G34-LF	9-1437504-6
2	.060	PHENOLIC-BLACK	NOTE 5	8080-1G33-LF	9-1437504-5
2	.060	PHENOLIC-BLACK	NOTE 6	8080-1G32-LF	9-1437504-4
2	.060	DIALLYL PHTHALATE-GREEN OR BLUE	NOTE 8	8080-1G31-LF	9-1437504-3
1	.040	DIALLYL PHTHALATE-GREEN OR BLUE	NOTE 5	8080-1G25-LF	9-1437504-1
1	.040	DIALLYL PHTHALATE-GREEN OR BLUE	NOTE 8	8080-1G24-LF	9-1437504-0
1	.060	DIALLYL PHTHALATE-GREEN OR BLUE	NOTE 5	8080-1G39	4-1437504-9
1	.060	PHENOLIC-BLACK	NOTE 5	8080-1G38	-
1	.060	DIALLYL PHTHALATE-GREEN OR BLUE	NOTE 6	8080-1G37	4-1437504-8
1	.060	PHENOLIC-BLACK	NOTE 6	8080-1G36	6-1437504-2
1	.060	DIALLYL PHTHALATE-GREEN OR BLUE	NOTE 4	8080-1G35	4-1437504-7
2	.060	DIALLYL PHTHALATE-GREEN OR BLUE	NOTE 5	8080-1G34	4-1437504-6
2	.060	PHENOLIC-BLACK	NOTE 5	8080-1G33	4-1437504-5
2	.060	PHENOLIC-BLACK	NOTE 6	8080-1G32	4-1437504-4
2	.060	DIALLYL PHTHALATE-GREEN OR BLUE	NOTE 4	8080-1G31	4-1437504-3
1	.040	PHENOLIC-BLACK	NOTE 7	8080-1G30	-
1	.040	PHENOLIC-BLACK	NOTE 6	8080-1G29	-
2	.040	PHENOLIC-BLACK	NOTE 7	8080-1G28	-
2	.040	PHENOLIC-BLACK	NOTE 6	8080-1G27	-
1	.040	DIALLYL PHTHALATE-GREEN OR BLUE	NOTE 5	8080-1G25	4-1437504-1
1	.040	DIALLYL PHTHALATE-GREEN OR BLUE	NOTE 4	8080-1G24	4-1437504-0
2	.040	DIALLYL PHTHALATE-GREEN OR BLUE	NOTE 4	8080-1G23	-

LUG QTY
(SEE NOTE 3)

LEAD DIA
+.003/- .002

INSULATOR MATERIAL

CONTACT
PLATING

AUGAT
PT. NO.

PART
NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN R BROWN 11APR03
CHK K WRIGHT 11APR03
APVD K WRIGHT 11APR03

DIMENSIONS:
INCHES

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

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

MATERIAL -

FINISH -

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME

TRANSISTOR SOCKET

SIZE A2

CAGE CODE 00779

DRAWING NO C=4-1437504-0

RESTRICTED TO -

SCALE 2:1

SHEET 1 of 1

REV B2

THIS LUG
ELIMINATED
PER TABLE 1

.430

.215

.665±.010

.335

1.187±.010

6-32NC-2B

.730
MAX

1.570 MAX

Ø.120

THIS LUG
ELIMINATED
PER TABLE 1

.430

.215

.665±.010

.335

1.187±.010

6-32NC-2B

.730
MAX

1.570 MAX

Ø.120

SECTION A-A

.028

Ø.215
2 PLC

.350 MAX

.219 MAX

.688 MAX

.125

.050

LUG(S) BENT
90° APPROX.

RECOMMENDED
CHASSIS HOLE LAYOUT

Ø.218 MIN
2 HOLES

DRILL & C'SK FOR
NO. 4 FLAT HEAD
SCREW OR RIVET

TO CLEAR
SOCKET BOSSES
2 HOLES

1471-9 (3/11)

Mouser Electronics

Authorized Distributor

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[8080-1G25](#)