

4

3

2

1

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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

K

REVISED PER ECO-11-013373

15JUL11

HMR

SM

YES

71.12[2.800]

28

5-644020-8

YES

68.58[2.700]

27

5-644020-7

YES

66.04[2.600]

26

5-644020-6

YES

63.50[2.500]

25

5-644020-5

YES

60.96[2.400]

24

5-644020-4

YES

58.42[2.300]

23

5-644020-3

YES

55.88[2.200]

22

5-644020-2

YES

53.34[2.100]

21

5-644020-1

YES

50.80[2.000]

20

5-644020-0

YES

48.26[1.900]

19

4-644020-9

YES

45.72[1.800]

18

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YES

43.18[1.700]

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40.64[1.600]

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38.10[1.500]

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35.56[1.400]

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33.02[1.300]

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30.48[1.200]

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5.08[.200]

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SUPERSEDED BY 5-644020-8

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644020-7

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644020-6

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12.70[.500]

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7.62[.300]

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644020-3

NO

5.08[.200]

2

644020-2

LEADFREE

DIM A

NO. OF CIRCUITS

PART NO.

4

AMP

1

2

3

6.99
[.275]

6.22
[.245]

13.21
[.520]

6.99
[.275]

0.48±0.08
[.019±.003]

1.91
[.075]

2.54±0.05
[.100±.002]

1.42±0.10
[.056±.004]

4.67±0.08
[.184±.003]

3.66±0.08
[.144±.003]

1

MATERIAL: CONNECTOR-NYLON UL94V-2 (WHITE).
CONTACTS-0.30 [.012] THICK COPPER ALLOY
0.00076 [.000030] GOLD OR 0.00076[.000030]
TOTAL GOLD FLASH OVER PALLADIUM NICKEL,
PER TE CONNECTIVITY'S DISCRETION, IN CONTACT
AREA WITH BRIGHT TIN-LEAD FOR 644020-2 THRU
2-644020-8, MATTE WHISKER MITIGATED TIN
FOR 3-644020-2 THRU 5-644020-8 OVER
NICKEL UNDERPLATE.

2

CONTACTS ACCEPT 24 AWG WIRE WITH 1.52[.060] MAX
INSULATION DIAMETER.

3

CONTACTS MUST ACCEPT 0.64±0.03 [.025±.001] SQUARE
POST AND REMAIN LOCKED IN POSITION.

4

IDENTIFICATION NUMBER FOR LAST CIRCUIT MAY NOT
APPEAR ON ALL ASSEMBLIES.

5

DIMENSIONS IN BRACKETS ARE IN INCHES.

6

HOUSING FEATURES ARE: CLOSED END WITH LOCKING
RAMP AND WITH POLARIZING TAB.

7

OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

0

PLC

±

1

PLC

±

2

PLC

±

3

PLC

± 0.13 [.005]

4

PLC

±

ANGLES

±

FINISH

1

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SUPERSEDED BY 5-644020-0

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48.26[1.900]

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1-644020-9

SUPERSEDED BY 4-644020-9

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38.10[1.500]

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35.56[1.400]

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1-644020-4

NO

33.02[1.300]

13

1-644020-3

SUPERSEDED BY 4-644020-3

NO

30.48[1.200]

12

1-644020-2

NO

27.94[1.100]

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10.16[.400]

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644020-4

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7.62[.300]

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644020-3

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5.08[.200]

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644020-2

LEADFREE

DIM A

NO. OF CIRCUITS

PART NO.

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DIMENSIONS:
mm [INCHES]

0

PLC

±

1

PLC

±

2

PLC

±

3

PLC

± 0.13 [.005]

4

PLC

±

ANGLES

±

FINISH

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58.42[2.300]

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NO

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PLC

±

1

PLC

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PLC

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