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LOC

DIST

AD

00

REVISONS

DATE

DWN

APVD

DESCRIPTION

ECO-14-000260

05JUL2014

NK

MM

1.07±0.20
[.042±.008]

2-PLACES

1

POSITION NO. REF.
(SEE TABLE)

2

3

ROW M

ROW N

2.54
[.100]

A SPACES @

2.54
[.100]

=

B

0.64±0.03
[.025±.001]

TYP

6.05
[.238]

2.54
[.100]

1.75±0.05
[.069±.002]

1

2.29±0.08
[.090±.003]

3.05±0.38
[.120±.015]

5.84
[.230]

4.70
[.185]

3.56
[.140]

2.54
[.100]

Φ .38 [.015]Ⓜ

TYP AT POST TIPS

Φ .38 [.015]Ⓜ

TYP AT POST TIPS

(CONTACT AREA)

1.91
[.075]

TYP

4.32
[.170]

0.76±0.05
[.030±.002]

1.14±0.02
[.045±.001]

DIA. TYP
(BEFORE PLATING)

1.02±0.08
[.040±.003]

DIA. TYP
(PLATED)

2.54
[.100]

2.54
[.100]

3.81±0.05
[.150±.002]

Φ OF HOLE
PATTERN

Φ OF STENCIL
PATTERN

RECOMMENDED PC BOARD MOUNTING DIMENSIONS
FOR .063 [1.60] THICK PC BOARD AND
.012 [.305] STENCIL THICK

1

THE NOTED DIMENSIONS APPLY AT THE INTERSECTION
OF THE POST AND HOUSING.

2

BREAKAWAY NOTCH ANGLE CAN BE ORIENTED TO THE RIGHT
(AS SHOWN) OR TO THE LEFT

3

FOR ACTIVE POSITION SIZES 4 AND ABOVE, POSTS WILL BE SELECTIVELY SWAGED
TO PROVIDE CONNECTOR RETENTION TO THE PC BOARD UNTIL SOLDERED. FOR POSITION
SIZE 2, POSTS WILL BE KINKED.(SEE TABLE FOR RETENTION FEATURE LOCATION)

4

0.000762 [.000030] GOLD ON CONTACT AREA,
0.00254-0.00508 [.000100-.000200] MATTE TIN-LEAD
ON SOLDER TAIL ALL OVER 0.00127 [.000050] NICKEL.

5

HOUSING: GLASS FILLED THERMOPLASTIC, COLOR, BLACK.
(WILL WITHSTAND VAPOR PHASE REFLOW.)
POST: COPPER ALLOY

6

0.000762 [.000030] GOLD ON CONTACT AREA,
0.00254-0.00508 [.000100-.000200] MATTE TIN
ON SOLDER TAIL ALL OVER 0.00127 [.000050] NICKEL.

7

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

7

OBSOLETE

7

SUPERSEDED

7

OBSOLETE

OBSOLETE

PLATING

ROW M

ROW N

HOLD-DOWN POST
CONFIG. LOCATIONS.

C

B

A

NO. OF
POSITIONS

PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

0 PLC
1 PLC
2 PLC
3 PLC
4 PLC

± -
± .01 [.02]
± 0.12 [.005]
± 0.012 [.0005]
±

ANGLES

FINISH

SEE TABLE

MATERIAL

5

DWN
T. HOFFMAN
21JUN95

CHK
G. DUBNICZKI
020CT95

APVD
G. DUBNICZKI
020CT95

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

—

NAME
HEADER ASSEMBLY, MOD II, BREAKAWAY,HIGH TEMP.,
RIGHT ANGLE, DOUBLE ROW,.100 X.100 CL,
W/.025 SQ. POSTS WITH HOLD-DOWN CONFIGURATION.

SIZE

CAGE CODE

DRAWING NO

A100779

146310

CUSTOMER DRAWING

SCALE 4:1

SHEET 1 OF 2

REV D

TE Connectivity

RESTRICTED TO

4805 (3/11)

Mouser Electronics

Authorized Distributor

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