

8

7

6

5

4

3

2

1

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LOC

AD

DIST

25

REV

DESCRIPTION

DATE

DWN

APVD

1

HOUSING MATERIAL: GLASS-FILLED POLYMER. COLOR: GRAY.

2

CONTACT MATERIAL: COPPER ALLOY.

3

CONTACT FINISH: DIN 41612 CLASS 2 IN CONTACT AREA. TIN PLATE ON POSTS.

4

CONTACT FINISH: DIN 41612 CLASS 3 IN CONTACT AREA. TIN PLATE ON POSTS.

5

PART NUMBER, DATE CODE IDENTIFICATION, CSA LOGO IN THIS APPROXIMATE AREA.

6

POINT OF MEASUREMENT FOR FINISH.

7

ACTION PIN POSTS REQUIRE 1.57[.062] MINIMUM THICK PC BOARD. RECOMMENDED PC BOARD HOLES ARE $\phi 1.15 \pm 0.2 [.0453 \pm .001]$ DRILLED HOLE WITH 0.02-0.07[.001-.003] COPPER AND 0.008[.0003] MINIMUM TIN-LEAD PLATING. FINISHED HOLE AFTER PLATING, $\phi 0.94 - 1.09 [.037 - .043]$.

8

CONTACT AREA FINISH: 0.00076mm [.000030] MIN GOLD OVER 0.00127 [.000050] MIN NICKEL. TAIL FINISH: 0.0025 [.000100] MIN MATTE TIN OVER 0.00127 [.000050] MIN NICKEL.

9

CONTACT AREA FINISH: 0.00127 [.000050] MIN GOLD OVER 0.00127 [.000050] MIN NICKEL. TAIL FINISH: 0.0025 [.000100] MIN MATTE TIN OVER 0.00127 [.000050] MIN NICKEL.

93.98[3.700] REF

90±0.1[3.543±.004]

3.96[.156]

2.54[.100]

2.54[.100]

3.1±0.1[.122±.004]

1.04±0.05 TYP[.041±.002]

A1 INDICATOR

85⁺⁰_{-0.18}[3.346^{+0.000}_{-.007}]

AMP

6.45±0.15[.254±.006]

2.64±0.2[.104±.008]

4.83±0.51[.190±.020]

31 SPACES AT 2.54[.100]

0.51[±][.020] TYP

10.59[.417] MAX

8.45±0.05[.333±.002]

0.64[.025] x 45° TYP

11.51[.453] REF

1.93±0.2[.076±.008]

2.54[.100]

2.54[.100]

SECTION X-X

Ø2.85±0.5 TYP[.112±.002]

Ø2.79±0.1 TYP[.110±.004]

0.15[±][.006] M

0.3[.012]

0.1[±][.004] M

2.54[.100] TYP

POSITION C-32

PC BOARD LAYOUT

4	1 THRU 32	X	X	X	96	5535032-9
8	1 THRU 32	X	X	X	96	5535032-6
3	1 THRU 32	X	X	X	96	5535032-5
3	1 THRU 32	X	X	X	96	5535032-4
9	1 THRU 32	X	X	X	96	5535032-1
FINISH	POSITIONS LOADED	C	B	A	NO. OF LOADED POSITION	ASSY PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± 0.13[.005]

3 PLC ± -

4 PLC ± -

ANGLES ± -

MATERIAL

FINISH

DWN J. POLIGNONE 25MAY05

CHK A. SHARPE 25MAY05

APVD A. SHARPE 25MAY05

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

SCALE 4:1

SHEET 1 OF 1

REV T

NAME ASSEMBLY, RECEPTACLE, EUROCARD, TYPE C, LEAD-FREE, 96 POSITION, 4.83[.190] TOOLLESS, PRESS-FIT

SIZE A1

CAGE CODE 00779

DRAWING NO. 5535032

RESTRICTED TO

TE Connectivity

4805 (3/11)

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