

8

7

6

5

4

3

2

1

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RELEASED FOR PUBLICATION

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1

0.76µm GOLD IN LOCALIZED PLATE AREA, 3.81µm TIN-LEAD ON SOLDER TAILS ALL OVER 1.27µm NICKEL.

2

CIRCUIT IDENTIFICATION FEATURE OMITTED ON 10 POSITION HEADER ASSEMBLIES.

3

DIMENSION APPLIES AT BASE OF SHROUD.

4

NOTE DELETED.

5

NOTE DELETED.

6

VACUUM COVER DESIGNED FOR 4mm DIA NOZZLE. VACUUM COVER TO BE REMOVED AFTER SOLDERING.

7

PACKAGED IN TAPE AND REEL PER EIA-481 SPECIFICATIONS. SEE CHART FOR TAPE WIDTHS.

8

6.75mm MIN TARGET AREA FOR VACUUM PICK-UP.

9

HOUSING: LCP
CONTACT: COPPER ALLOY
VACUUM COVER: ALUMINUM.

10

VACUUM COVER SHOWN IN PHANTOM LINE.

11

0.76µm GOLD IN LOCALIZED PLATE AREA, 3.81µm TIN ON SOLDER TAILS, ALL OVER 1.27µm NICKEL.

12

NOTE DELETED.

13

NO CIRCUIT IDENTIFICATION FEATURE ON 10,12,20,24 AND 30 POSITION PARTS.

14

FINISH: 0.025µm MIN GOLD ON GOLD PLATED AREA, 3.81-6.35µm MATTE TIN-LEAD ON TIN PLATED AREA. UNDER PLATING TO BE 1.27-2.54µm NICKEL ON ENTIRE CONTACT.

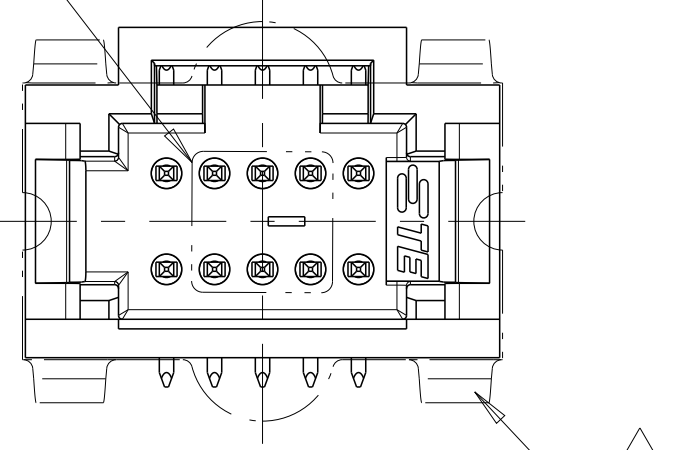
15

FINISH: 0.025µm MIN GOLD ON GOLD PLATED AREA, 3.81-6.35µm MATTE TIN ON TIN PLATED AREA. UNDER PLATING TO BE 1.27-2.54µm NICKEL ON ENTIRE CONTACT.

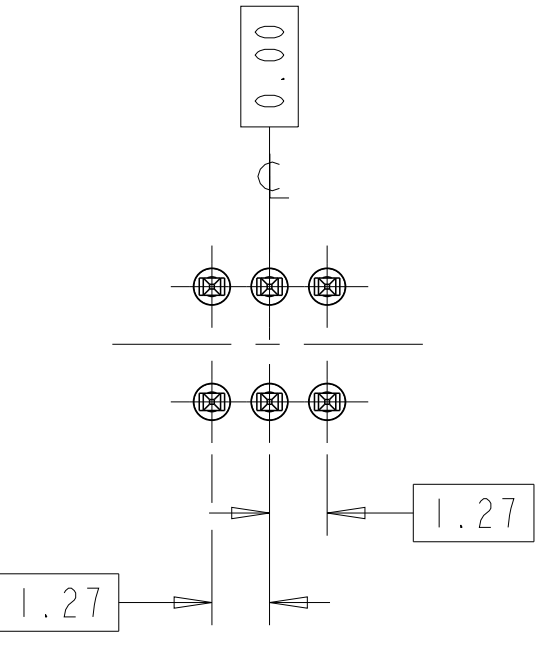
16

PRELIMINARY - NOT FOR PRODUCTION.

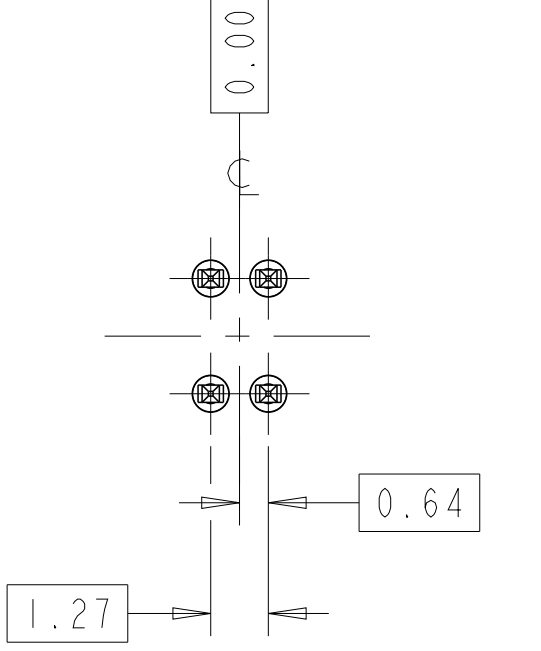
SEE DETAIL S



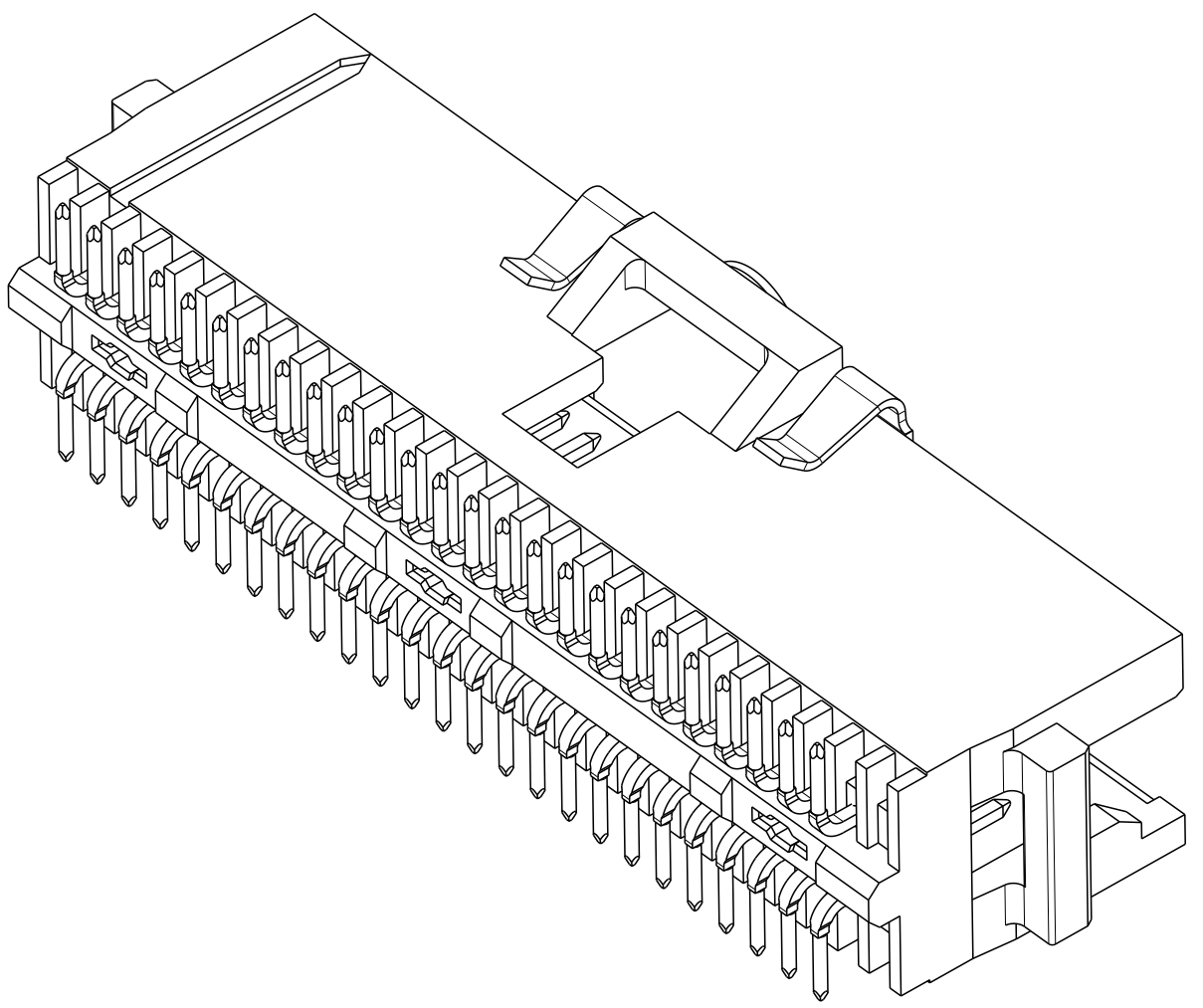
147377-1 SHOWN



BASIC DIMENSIONS FOR
EVEN NUMBER OF SPACES
(SEE TABLE)



BASIC DIMENSIONS FOR
ODD NUMBER OF SPACES
(SEE TABLE)



3.50±0.05

0.23M
0.05S

PAD TYP

9.19
REF

2.84

0.74±0.03

0.23M
0.05S

PAD TYP

1.27±0.05
TYP

5.69

OF PATTERN

.MMM

B SPACES AT @1.27 = DIM_C±0.05
TOLERANCE NON -CUMULATIVE

.NNN

RECOMMENDED BOARD LAYOUT

1.17
REF

0.77±0.25

2.54±0.05

3.175±0.10

1.39
LOCALIZED GOLD
PLATE AREA

0.38±0.02

0.15M X Y S Z S

SECTION A-A

1.45±0.25

1.27

11.00±0.18

0.38±0.02

0.15M X Y S Z S

TYP

DIM_E±0.08

1.27

2 PLC

22

13

SEE DETAIL W

VI

V2

Z1

0.00

1.27

1.27

0.00

1.52±0.05

(1.27)

(2.54)

7.21±0.07

3

0.38±0.02

0.15M X Y S Z S

TYP

B SPACES AT 1.27 = C

1.27

4

OF -Y-

SEE DETAIL S

10

VI

.00

-V-

0.15V
0.10

ALL SOLDER
LEADS

DETAIL W
SCALE 10:1

8

VACUUM COVER

56mm

26.67

21

31.24

44

16

8-147377-0

44mm

13.97

11

18.54

24

16

7-147377-9

88mm

62.23

49

66.80

100

7-147377-8

88mm

49.53

39

54.10

80

16

7-147377-7

72mm

36.83

29

41.40

60

16

7-147377-6

56mm

30.48

24

35.05

50

16

7-147377-5

56mm

24.13

19

28.70

40

16

7-147377-4

56mm

17.78

14

22.35

30

16

7-147377-3

44mm

11.43

9

16.00

20

16

7-147377-2

32mm

5.08

4

-

10

7-147377-1

56mm

26.67

21

31.24

44

6-147377-0

44mm

13.97

11

18.54

24

5-147377-9

88mm

62.23

49

66.80

100

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88mm

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56mm

17.78

14

22.35

30

147377-3

44mm

11.43

9

16.00

20

147377-2

32mm

5.08

4

-

10

147377-1

FINISH

TAPE
WIDTH

DIM_C

B
SPACES

E

NO
OF
POSN

PART
NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN RAVI S 17MAY2017
CHK J. OLSON 17MAY2017
APVD J. OLSON 17MAY2017

DIMENSIONS:
mm

0 PLC ±
1 PLC ±0.5
2 PLC ±0.13
3 PLC ±
4 PLC ±
ANGLES ±1*

MATERIAL 9

SEE NOTES

PRODUCT SPEC
108-1093
APPLICATION SPEC
114-25035

WEIGHT
-

CUSTOMER DRAWING

NAME
HEADER ASSEMBLY, VERTICAL, SHROUDED,
DUAL ROW W/SIDE AND END LATCHES
W/O HOLD DOWNS

SIZE 1
CAGE CODE 00779
DRAWING NO. 147377

RESTRICTED TO
-
SCALE 5:1
SHEET 1 OF 1
REV H

4805 (3/13)