

8

7

6

5

4

3

2

1

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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.

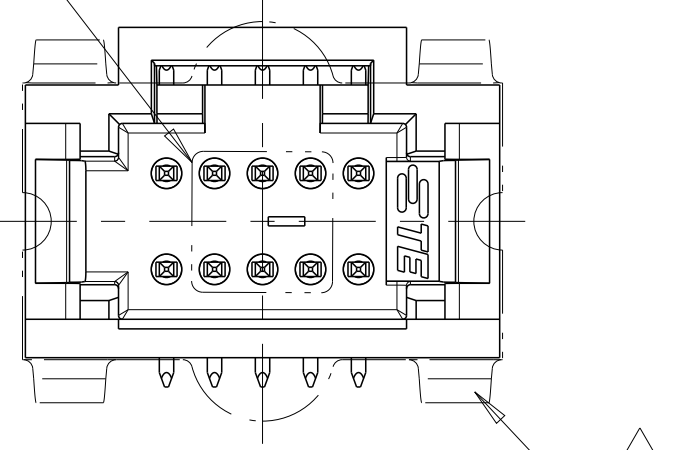
15

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.

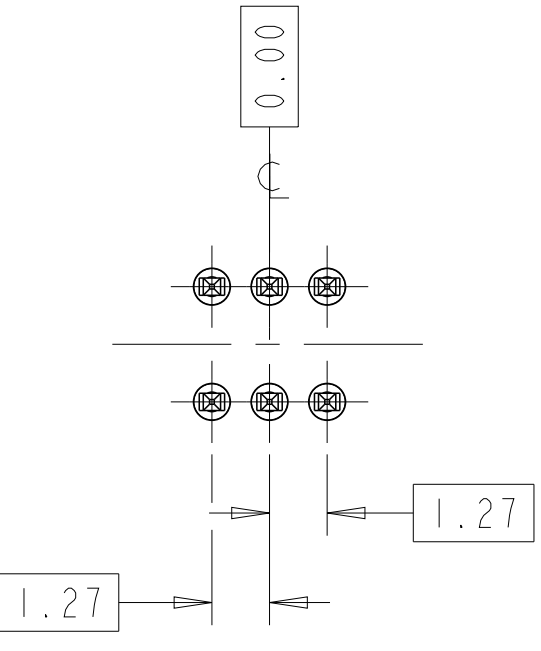
16

PRELIMINARY - NOT FOR PRODUCTION.

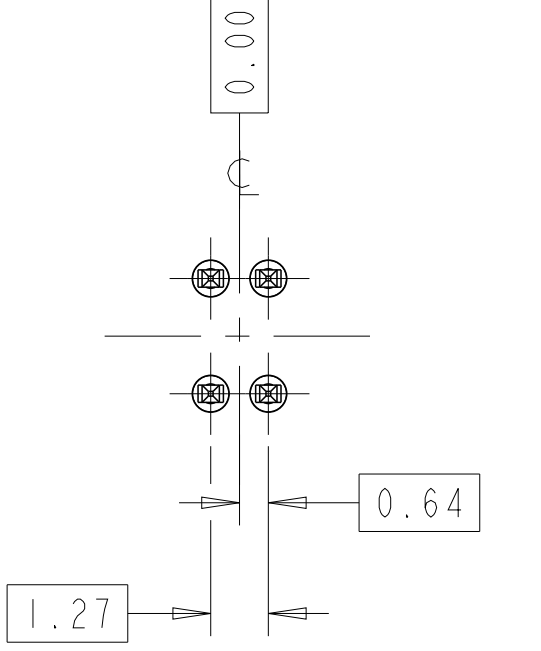
SEE DETAIL S



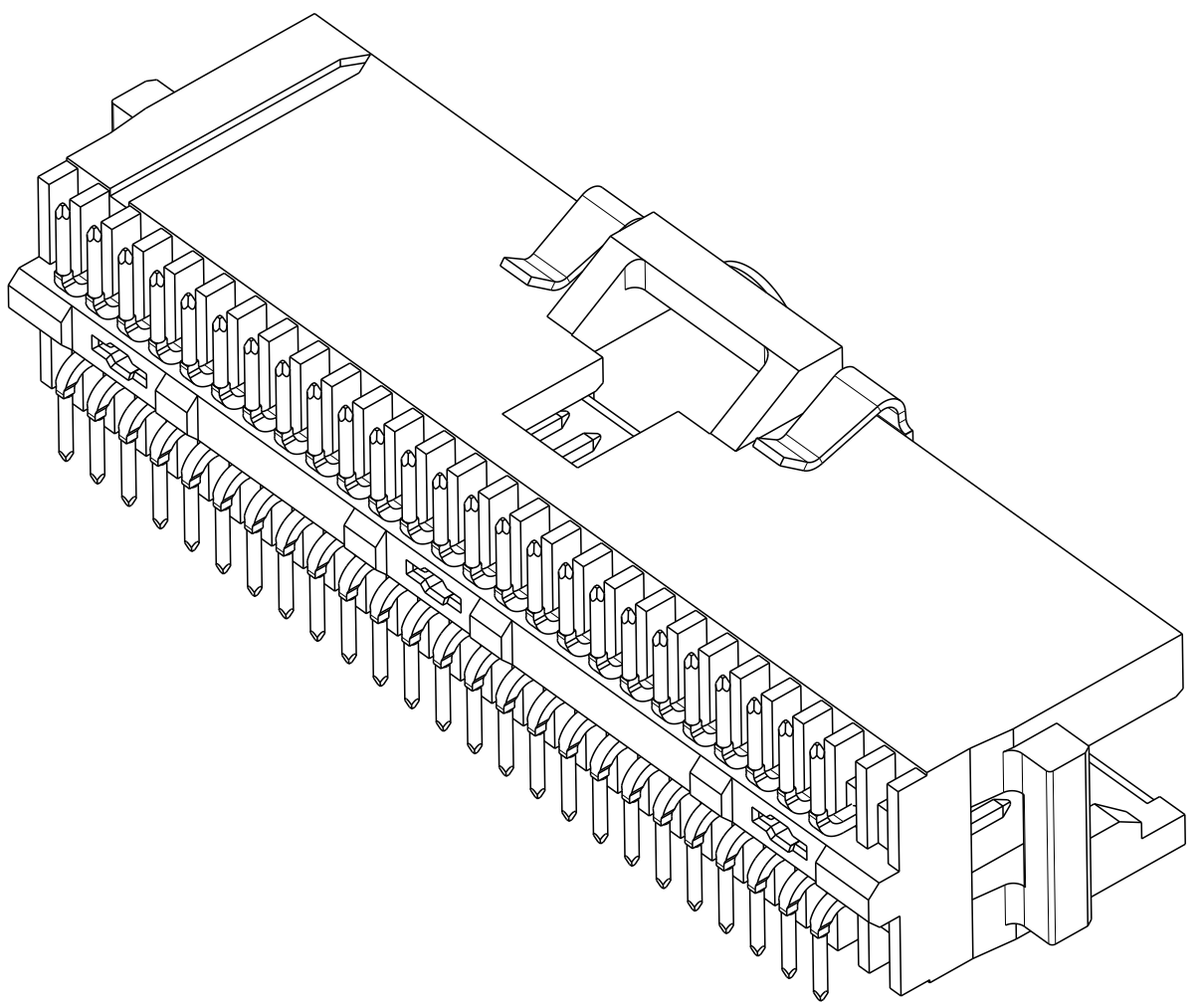
147377-1 SHOWN



BASIC DIMENSIONS FOR
EVEN NUMBER OF SPACES
(SEE TABLE)



BASIC DIMENSIONS FOR
ODD NUMBER OF SPACES
(SEE TABLE)



3.50±0.05

⊕ 0.23Ⓢ M N

0.05Ⓢ

PAD TYP

0.74±0.03

⊕ 0.23Ⓢ M N

0.05Ⓢ

PAD TYP

1.27±0.05

TYP

5.69

9.19

REF

2.84

OF PATTERN

.MMM

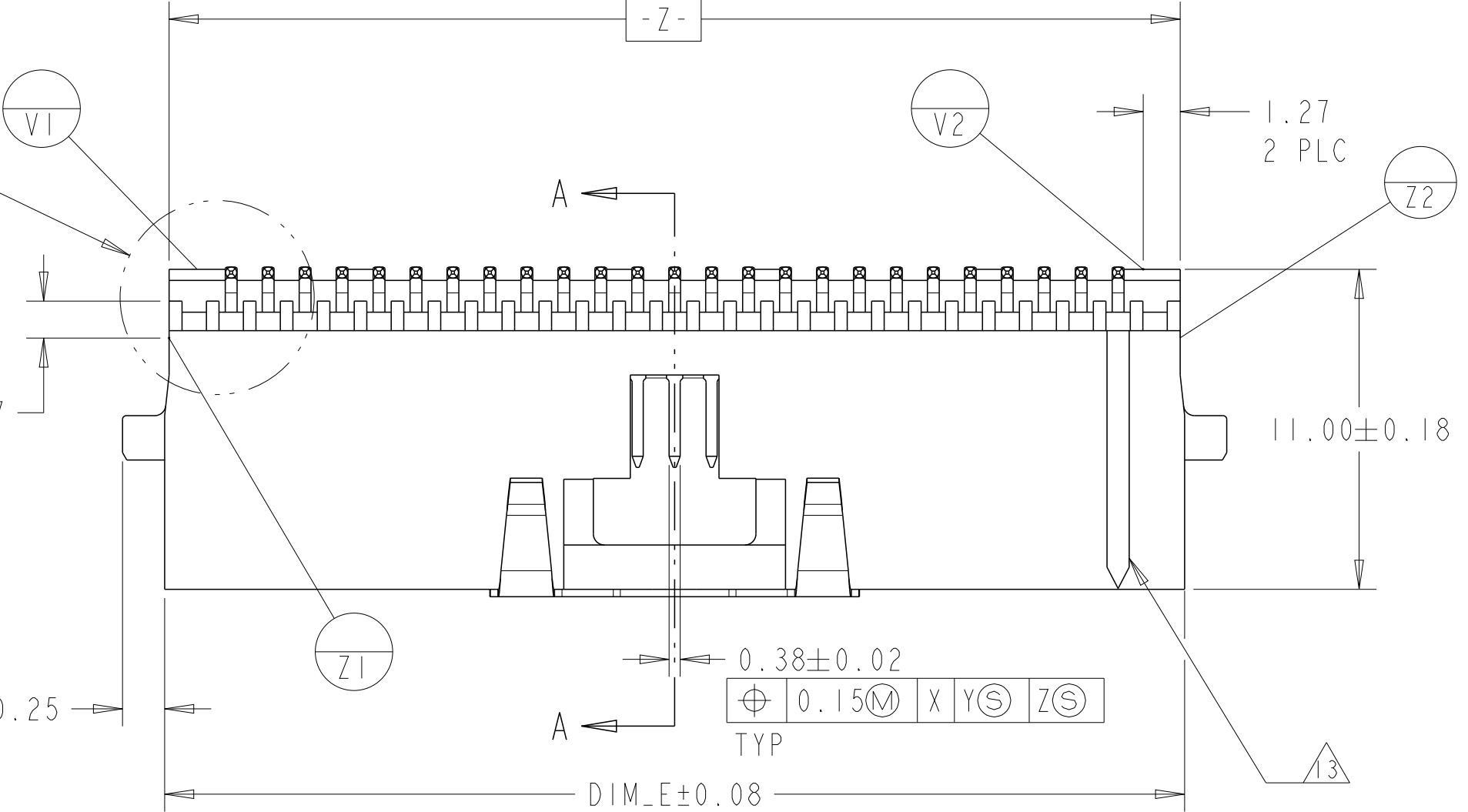
B SPACES AT @1.27 = DIM_C±0.05

TOLERANCE NON -CUMULATIVE

.NNN

RECOMMENDED BOARD LAYOUT

SEE DETAIL W



1.27

2 PLC

22

11.00±0.18

1.45±0.25

0.38±0.02

⊕ 0.15Ⓜ X YⓈ ZⓈ

TYP

DIM_E±0.08

13

1.17

REF

0.77±0.25

X

2.54±0.05

3.175±0.10

1.39

LOCALIZED GOLD PLATE AREA

0.38±0.02

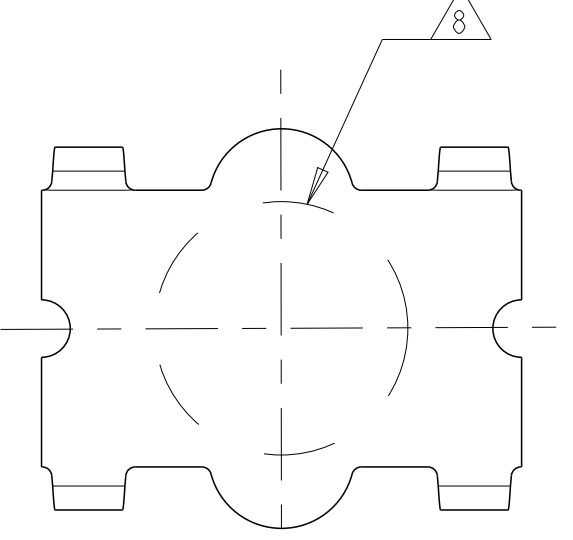
⊕ 0.15Ⓜ X YⓈ ZⓈ

6

SECTION A-A

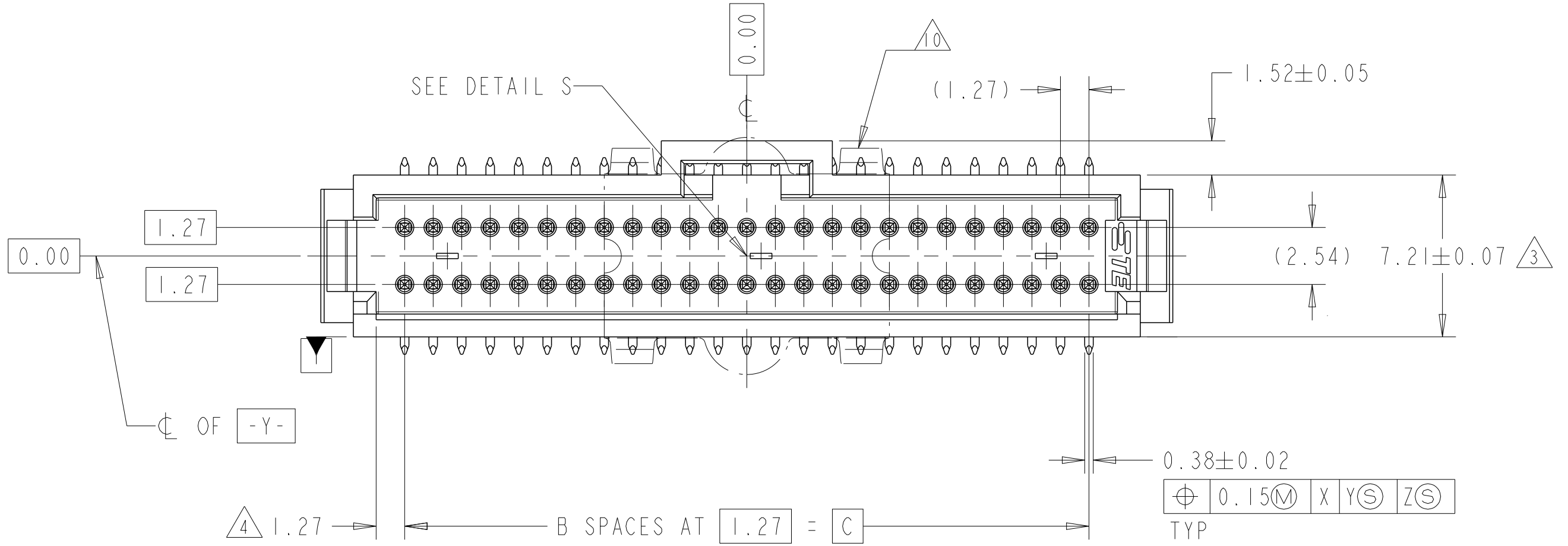
1

8



VACUUM COVER

SEE DETAIL S



0.00

1.27

1.27

(2.54)

7.21±0.07

3

1.27

B SPACES AT 1.27 = C

0.38±0.02

⊕ 0.15Ⓜ X YⓈ ZⓈ

TYP

10

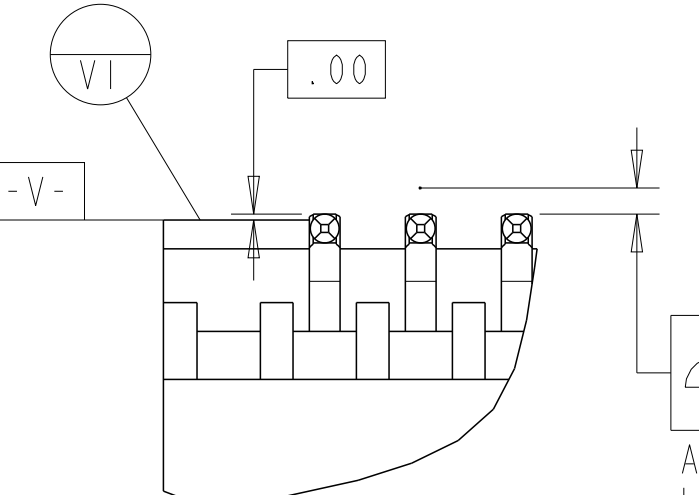
1.52±0.05

1.27

OF -Y-

4

VI



-V-

DETAIL W

SCALE 10:1

0.15

V

0.10

ALL SOLDER LEADS

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	H	REDRAWN/REVISED PER ECO 17-001755	17MAY2017	BDA	JO

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		5-147377-8
88mm	49.53	39	54.10	80		5-147377-7
72mm	36.83	29	41.40	60		5-147377-6
56mm	30.48	24	35.05	50		5-147377-5
56mm	24.13	19	28.70	40		5-147377-4
56mm	17.78	14	22.35	30		5-147377-3
44mm	11.43	9	16.00	20		5-147377-2
32mm	5.08	4	-	10		5-147377-1
56mm	26.67	21	31.24	44	16	3-147377-0
44mm	13.97	11	18.54	24	16	2-147377-9
88mm	62.23	49	66.80	100	16	2-147377-8
88mm	49.53	39	54.10	80	16	2-147377-7
72mm	36.83	29	41.40	60	16	2-147377-6
56mm	30.48	24	35.05	50	16	2-147377-5
56mm	24.13	19	28.70	40	16	2-147377-4
56mm	17.78	14	22.35	30	16	2-147377-3
44mm	11.43	9	16.00	20	16	2-147377-2
32mm	5.08	4	-	10	16	2-147377-1
56mm	26.67	21	31.24	44		1-147377-0
44mm	13.97	11	18.54	24		147377-9
88mm	62.23	49	66.80	100		147377-8
88mm	49.53	39	54.10	80		147377-7
72mm	36.83	29	41.40	60		147377-6
56mm	30.48	24	35.05	50		147377-5
56mm	24.13	19	28.70	40		147377-4
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

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DWN RAVI S 17MAY2017

CHK J. OLSON 17MAY2017

APVD J. OLSON 17MAY2017

DIMENSIONS:

mm

0 PLC ±.5

1 PLC ±0.13

2 PLC ±.

3 PLC ±.

4 PLC ±.

ANGLES ±1°

MATERIAL

9

SEE NOTES

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN RAVI S 17MAY2017

CHK J. OLSON 17MAY2017

APVD J. OLSON 17MAY2017

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

CAGE CODE

DRAWING NO

RESTRICTED TO

A1

00779

©=147377

-

SCALE

5:1

SHEET

1

OF

1

REV

H

4805 (3/13)