



Product Change Notification

Current Date: 21-Mar-2023

TE Connectivity

Product Change Notification: PCN-23-168223

PCN Date: 14-MAR-23

Customer: Future Electronics(0000080100)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:

HDR ASSY, VERT., SURFACE MOUNT, SM AND THRU-HOLE HOLDDOWN, TIN AND GOLD, DUAL ROW, MICRO MATE-N-LOK.

Description of Changes

We are doing improvements in the customer drawings in order to make them standardized, clearer and with more and better information. (Marked Copies available)

Other attachments:

[Marked Copy](#)
[Marked Copy](#)
[Marked Copy](#)
[Marked Copy](#)
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Reason for Changes:

We are taking the opportunity to clarify and make the drawings cleaner!

PCN Attributes:

Product Category:	Kind of Change:
Headers	Drawing
Change Feature:	Potential Customer Impact:
Drawing Change	No Customer Impact
Remarks:	
This is a drawing clarification, no product changes!	

Estimated Dates:

Last Order Date (Obsolete Parts Only):	First Ship Date of Changed Items (Changed Parts Only):
	16-MAR-2023
Last Ship Date of Changed Items (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):
	No Mixed Shipments
Effectivity Date:	Date of First Samples:

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Note: This PCN contains only document changes, these changes do not affect the form, fit or function of the parts referenced.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
794637	5-794637-4, 4-794637-0		J3	
794638	3-794638-4		K3	

Customer: Future Electronics Ltd (1273129)

Location: Egham

Agreement Number: Agreement Unknown

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
794637	4-794637-0		J3	

Customer: Future Electronics Inc. (1319888)

Location: Singapore

Agreement Number: Agreement Unknown

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
794638	3-794638-4		K3	

Customer: Future Electronics Inc (1290208)

Location: Southaven

Agreement Number: Agreement Unknown

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
794637	5-794637-4		J3	
794638	3-794638-4		K3	

Customer: Future Electronics Inc. (1319888)

Location: Singapore

Agreement Number: Agreement Unknown

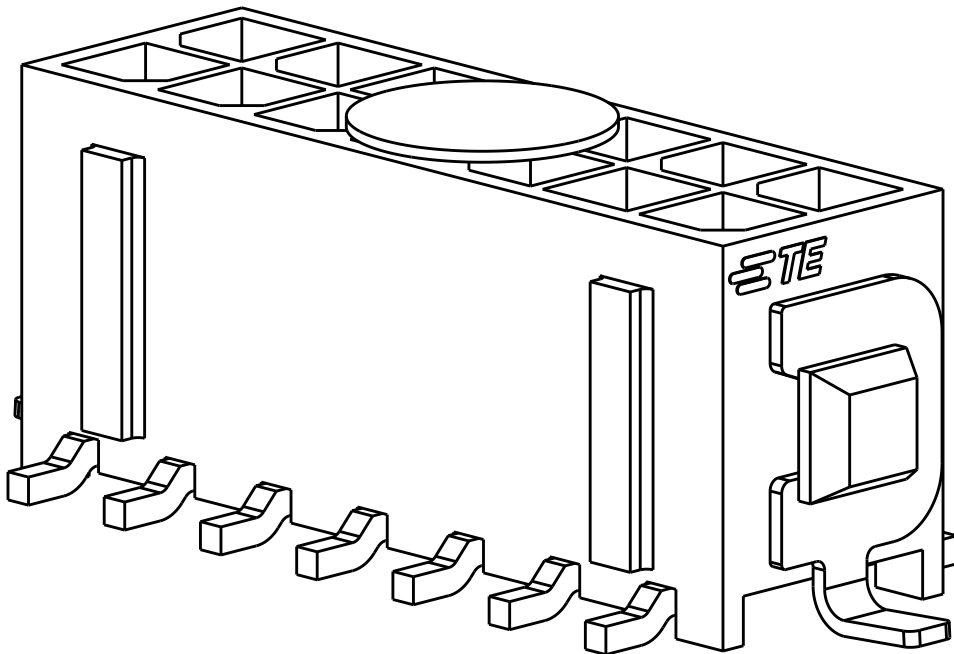
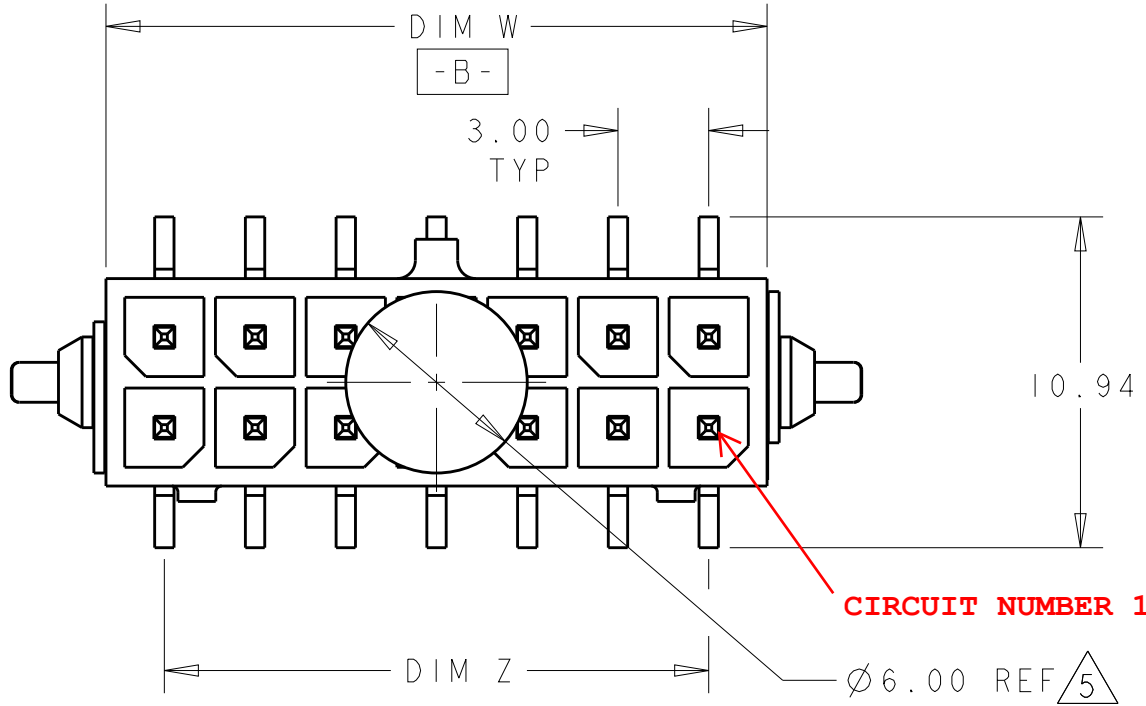
The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

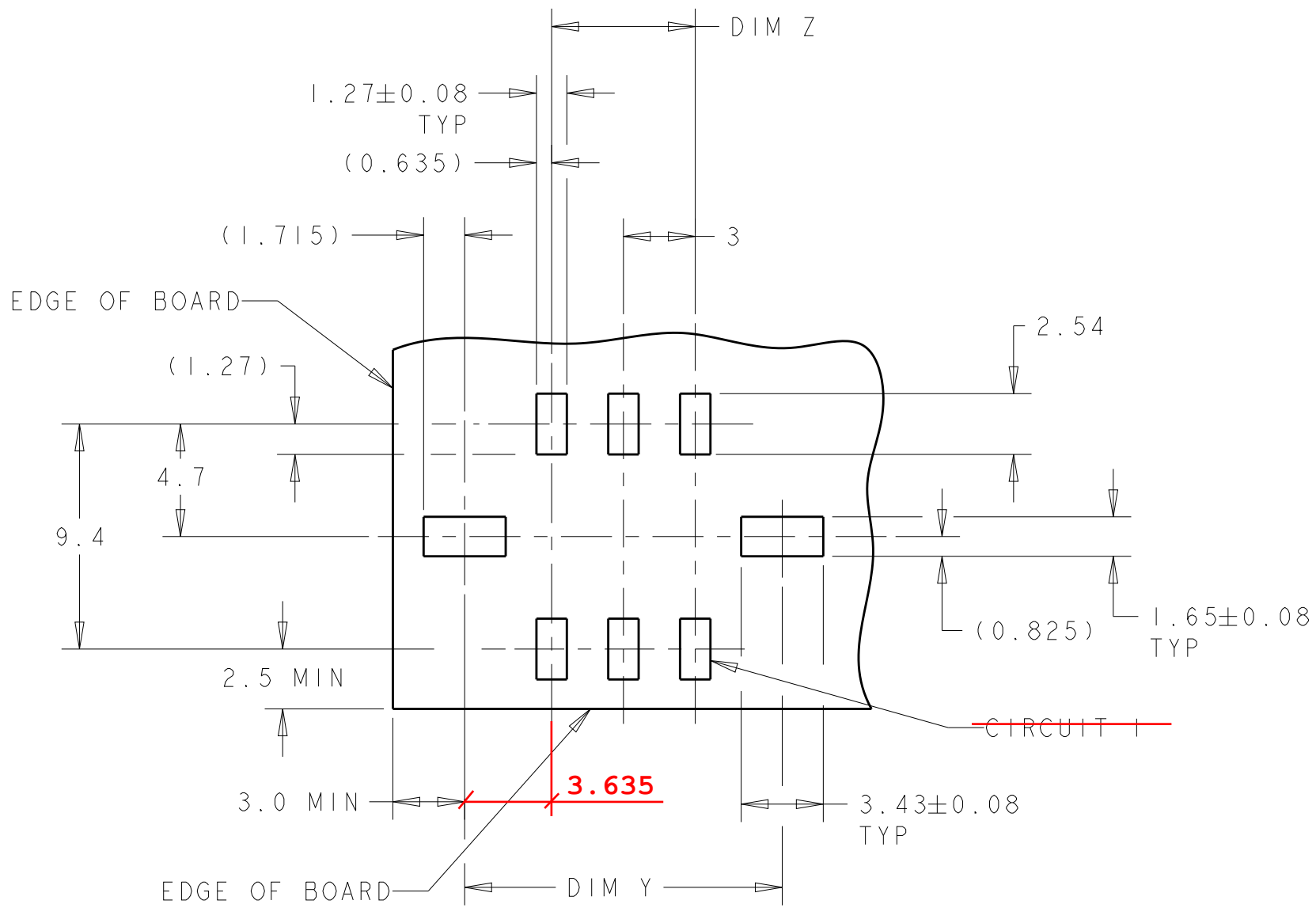
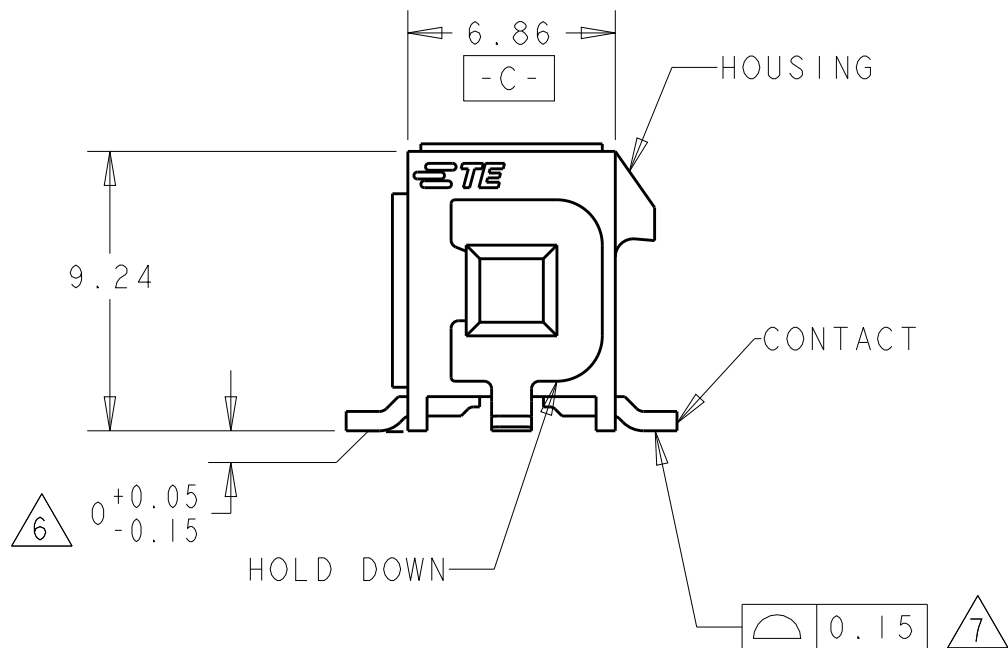
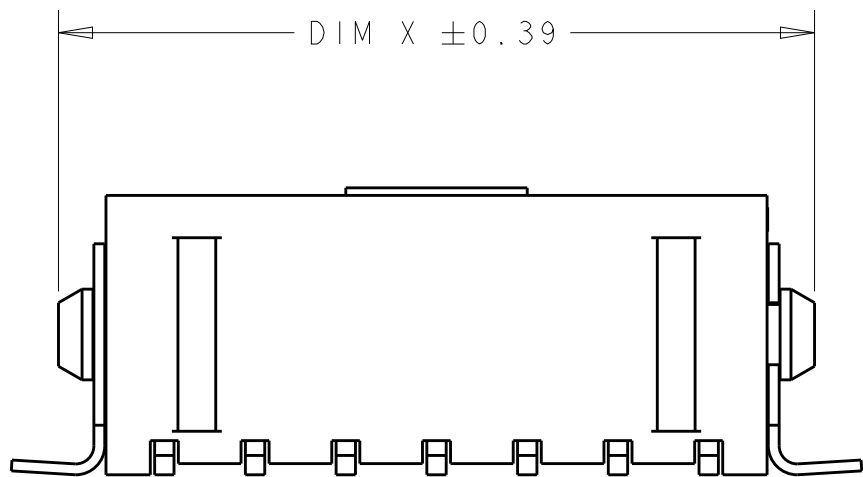
Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
794638	3-794638-4		K3	

ADDED IN A SHEET 2 ALL KEYING BY POSITION SIZE
ACCORDING TO FOUND IN THE COMPONENT HOUSING DRAWING.

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	C1	REVISED PER ECR-17-017609	04DEC2017	JB	DZ
	C2	ECO-19-006934	13MAY2019	AP	WS
	C3	REVISED PER ECN-23-...			



SCALE 6:1



RECOMMENDED PCB LAYOUT (COMPONENT SIDE)

- 1 MATERIAL:
CONTACTS - BRASS.
HOUSING - UL 94V-0 RATED HIGH TEMP NYLON, COLOR; BLACK.
HOLD DOWNS - PHOSPHOR BRONZE.
- 2 FINISH:
CONTACTS - 2.54µm MINIMUM MATTE TIN OVER 1.27µm MINIMUM NICKEL.
HOLD DOWNS - 2.54µm MATTE TIN.
2.54µm MINIMUM MATTE TIN ONVER 1.27µm MINIMUM NICKEL.
3. SPECIAL PACKAGING FOR IEC 286-3 REQUIREMENT. PARTS ORIENTED TAPE 180° DIFFERENT IN TAPE THAN STANDARD PART NUMBER 794636.
- 4 RECOMMENDED PC BOARD THICKNESS OF 1.57.
- 5 KAPTON VACUUM PICK UP BUTTON.
- 6 DIMENSION APPLIES TO SOLDERTAIL SURFACES AND STANDOFF SURFACES.
- 7 ALL SOLDERTAILS AND HOLD DOWNS.

8 - COUNTERPART RECOMMENDED IS PN 794617 (DASH ACC. TO NUMBER OF POSITION).

9 - FOR REELING DIRECTION AND PACKAGING TYPE, SEE SPECIFICATION 114-13000.

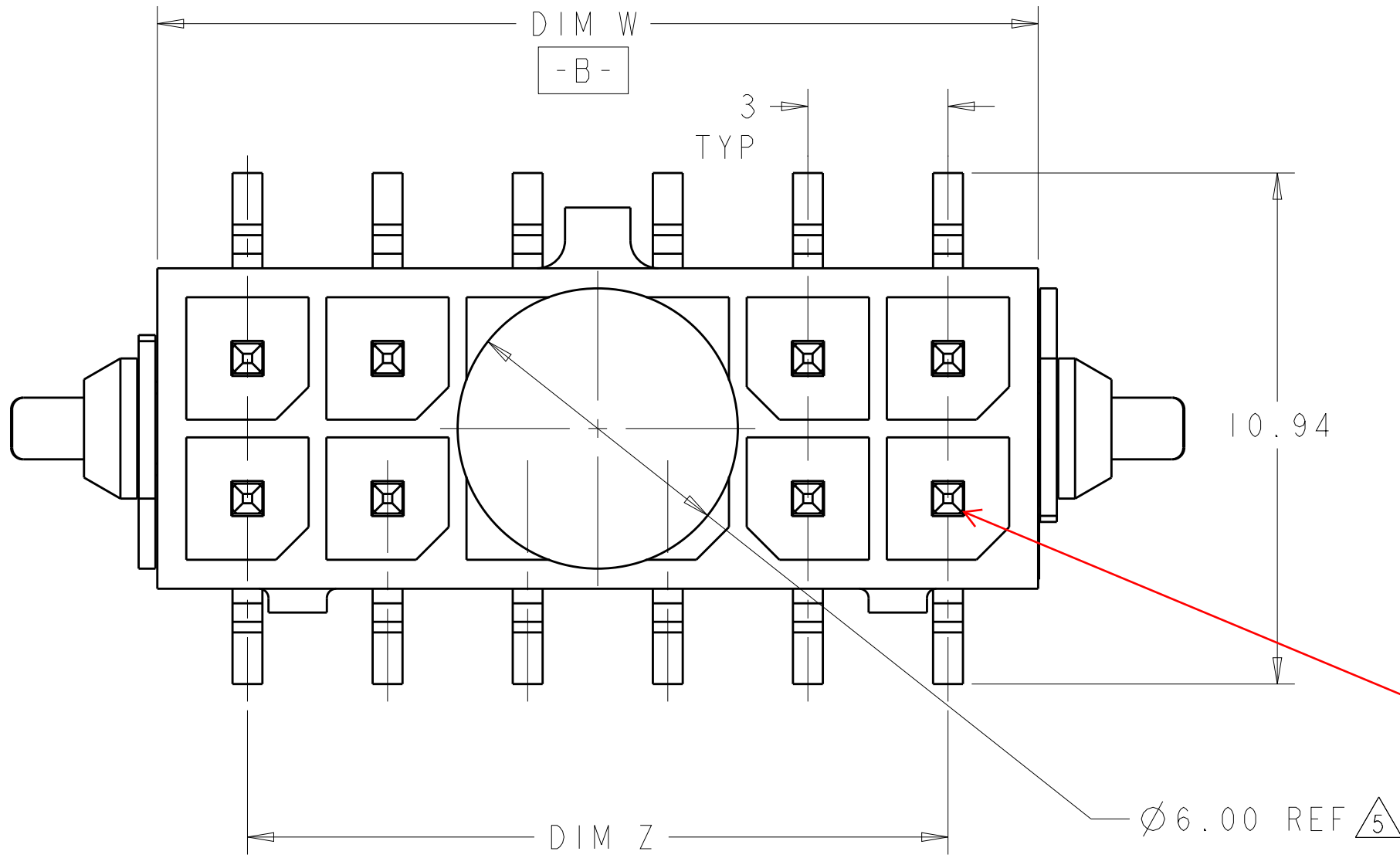
SEE THE ARRANGMENT VIEWS OF THE PN 794636!

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FEB 02ND, 2023
BY Washington Stefani

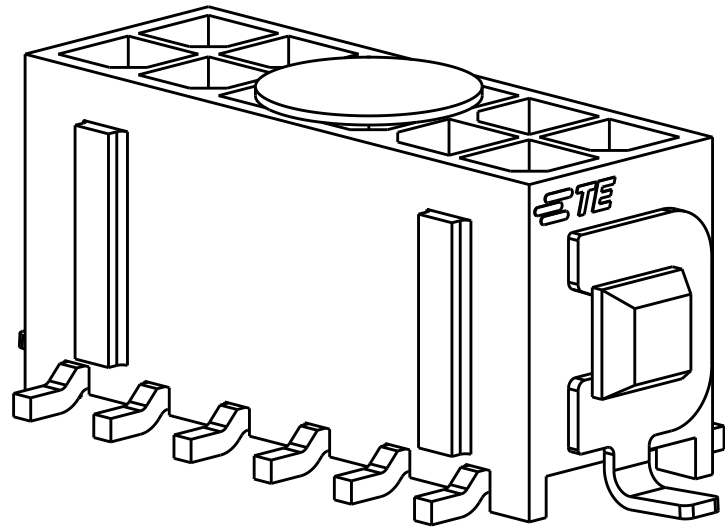
	30.86	34.27	27.00	34.00	20	2-1586842-0
	24.86	28.27	21.00	28.00	16	1-1586842-6
	18.86	22.27	15.00	22.00	12	1-1586842-2
	12.86	16.27	9.00	16.00	8	1586842-8
	9.86	13.27	6.00	13.00	6	1586842-6
	6.86	10.27	3.00	10.00	4	1586842-4
	3.86	7.27	-	7.00	2	1586842-2
FINISH	DIM W	DIM Y	DIM Z	DIM X	NO. OF POSN.	ASSEMBLY

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN K. WHITAKER 05NOV2007	TE Connectivity			
DIMENSIONS: mm		CHK C. JONES 05NOV2007				
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.13 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±1° FINISH		APVD C. JONES 05NOV2007	NAME HEADER ASSY, VERTICAL, SURFACE MOUNT, SURF MNT HOLDDOWN, TIN, DUAL ROW, SPCL PKGNG, MICRO MATE-N-LOK (TM)			
MATERIAL		PRODUCT SPEC 108-1836	SIZE A2		CAGE CODE -	DRAWING NO. C-1586842
SEE TABLE		APPLICATION SPEC 114-13000	RESTRICTED TO		-	
CUSTOMER DRAWING		WEIGHT	SCALE 4:1		SHEET OF	REV 02

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	C1	REVISED PER ECR-17-017609	04DEC2017	JB	DZ
	C2	ECO-19-006934	13MAY2019	AP	WS
	C3	REVISED PER ECN-23-...			



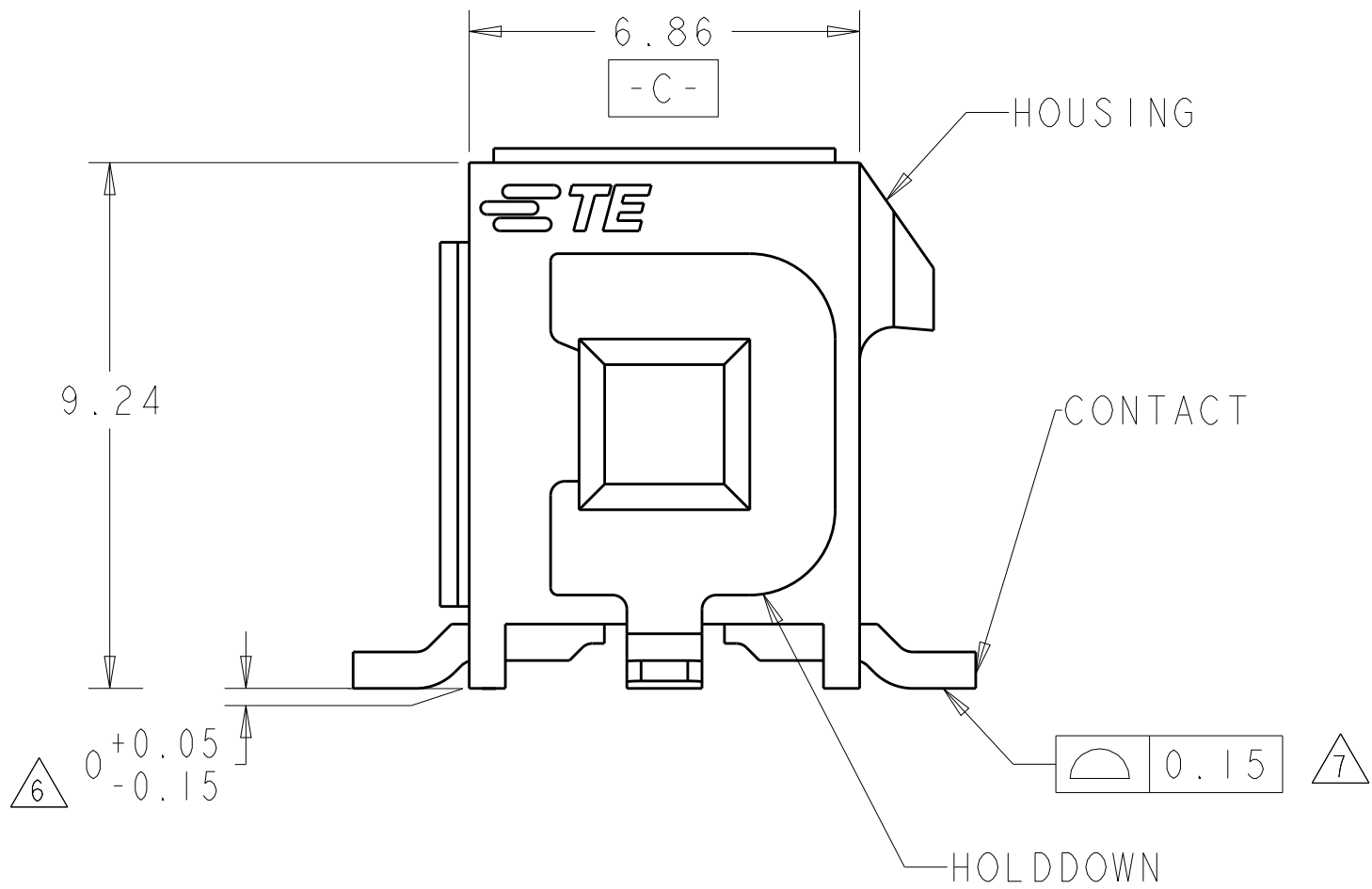
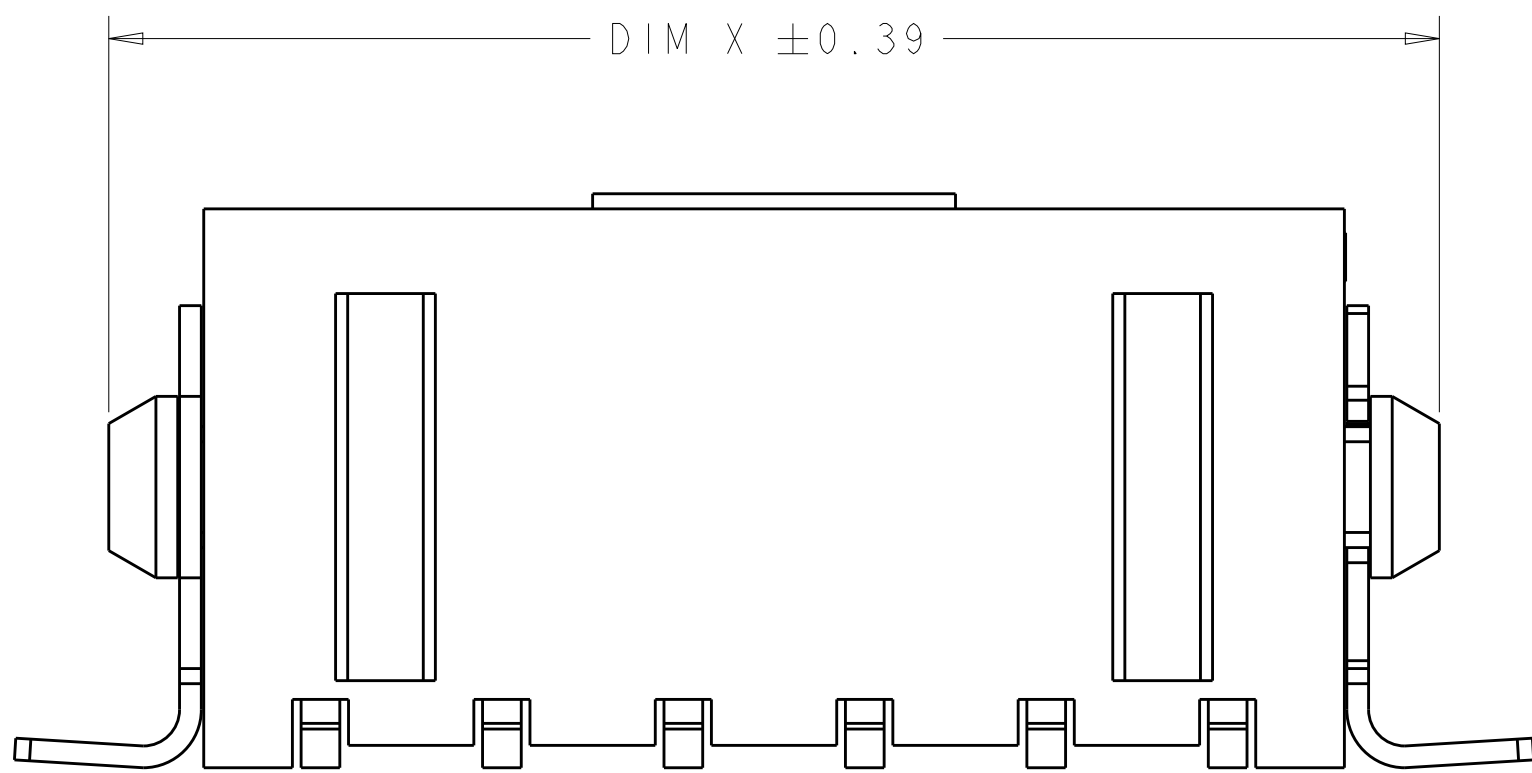
ADDED IN A SHEET 2 ALL KEYING BY POSITION SIZE
ACCORDING TO FOUND IN THE COMPONENT HOUSING DRAWING.



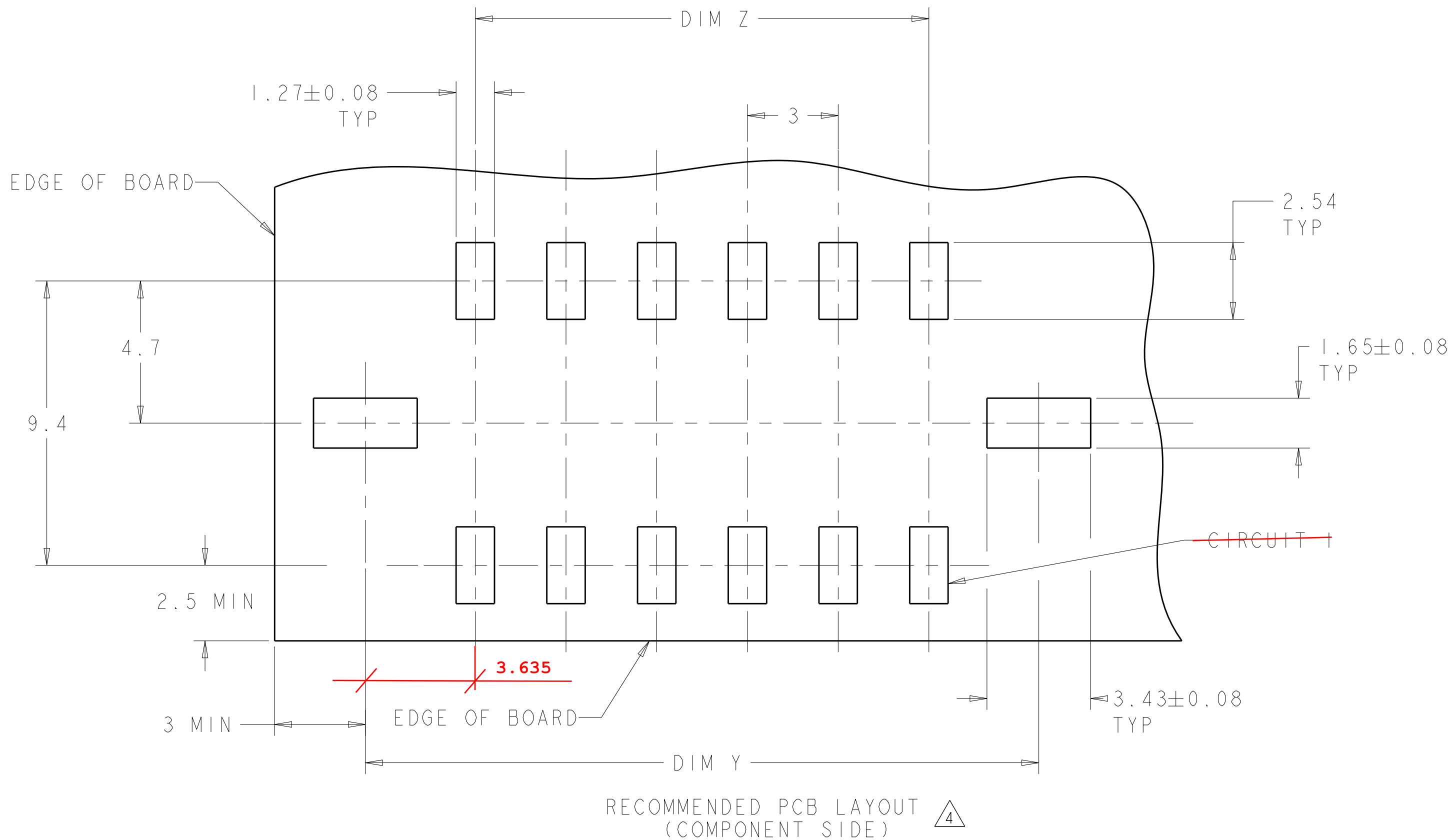
SCALE 5:1

- 1 MATERIAL;
CONTACTS - BRASS.
HOUSING - UL 94V-0 RATED HIGH TEMP NYLON, COLOR; BLACK.
HOLDDOWNS - PHOSPHOR BRONZE.
- 2 PLATING;
CONTACTS - 0.76µm MINIMUM GOLD ~~OVER 2.54µm MINIMUM NICKEL~~ ON MATING AREA. 2.54µm MATTE TIN MINIMUM ~~OVER 2.54µm NICKEL MINIMUM~~ ON SOLDER TAILS.
HOLDDOWNS - ~~2.54µm MATTE TIN.~~
2.54µm MINIMUM MATTE TIN ONVER 1.27µm MINIMUM NICKEL.
- 4 RECOMMENDED PC BOARD THICKNESS OF 1.57.
- 5 KAPTON VACUUM PICK UP BUTTON.
- 6 DIMENSION APPLIES TO SOLDERTAIL SURFACES AND STANDOFF SURFACES.
- 7 ALL SOLDERTAILS AND HOLDDOWNS.
- 8 SPECIAL PACKAGING FOR IEC 286-3 REQUIREMENT. PARTS ORIENTED 180° DIFFERENT IN TAPE THAN STANDARD PART NUMBER 794638.



- 9 - COUNTERPART RECOMMENDED IS PN 794617 (DASH ACC. TO NUMBER OF POSITION).
- 10 - FOR REELING DIRECTION AND PACKAGING TYPE, SEE SPECIFICATION 114-13000.

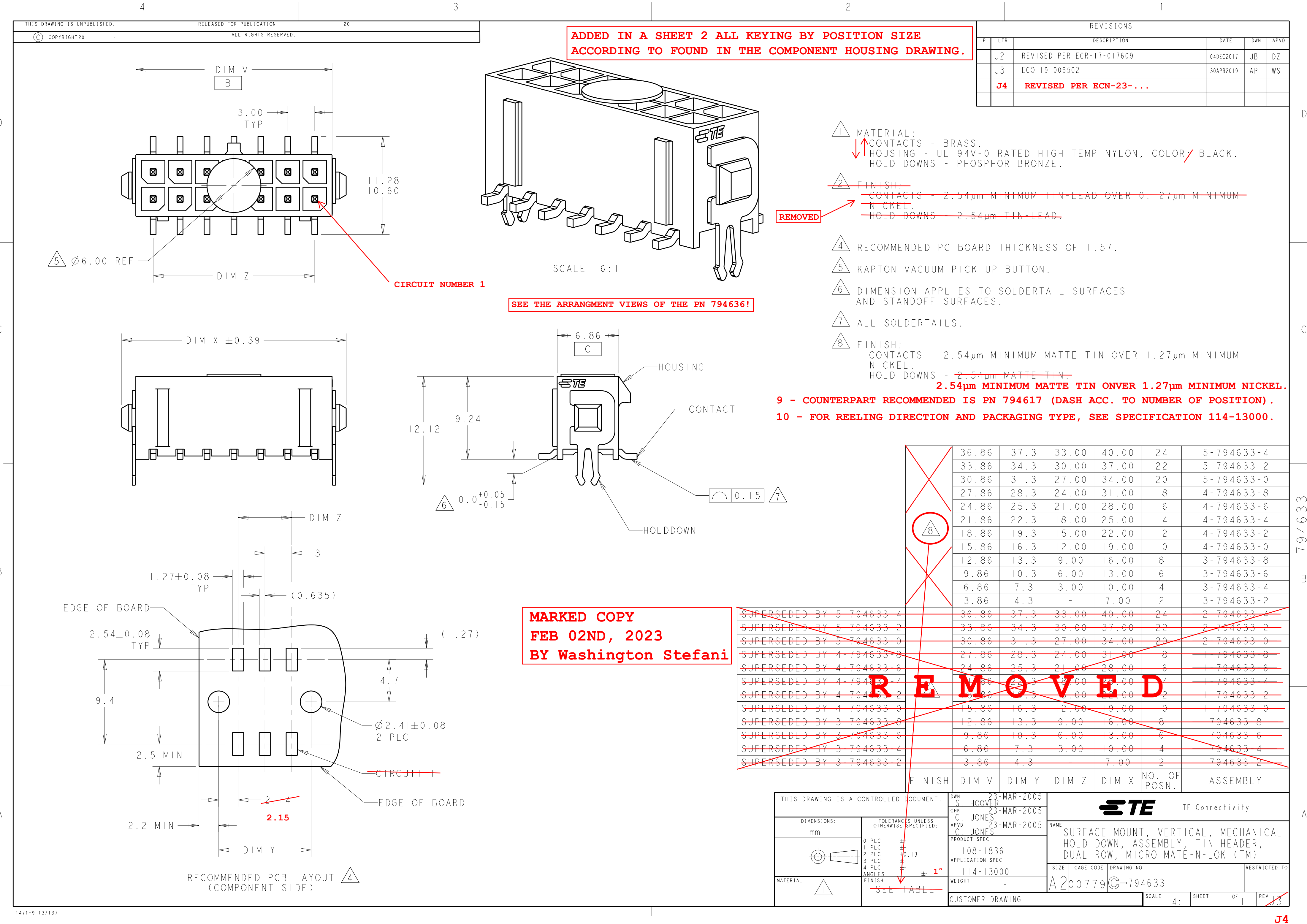


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8	2	18.86	22.27	15.00	22.00	12	4-1586835-2
FINISH	DIM W	DIM Y	DIM Z	DIM X	NO. OF POSN.	PART NUMBER	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. WHITAKER 12MAR2007	 TE Connectivity			
DIMENSIONS:		CHK C. JONES 12MAR2007				
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD C. JONES 12MAR2007	NAME			
		HEADER ASSY, VERTICAL SURFACE MOUNT, SURF MNT HOLDDOWN, 30 GOLD, DUAL ROW, SPCL PKGING, MICRO MATE-N-LOK(TM)				
	1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±	PRODUCT SPEC	SIZE			
		108-1836	CASE CODE DRAWING NO			
MATERIAL	FINISH	APPLICATION SPEC	RESTRICTED TO			
		114-13000	A 100779 C=1586835			
- 1		WEIGHT	SCALE			
SEE TABLE		CUSTOMER DRAWING	SHEET OF REV			



ADDED IN A SHEET 2 ALL KEYING BY POSITION SIZE
ACCORDING TO FOUND IN THE COMPONENT HOUSING DRAWING.

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
J2		REVISED PER ECR-17-017609	04DEC2017	JB	DZ
J3		ECO-19-006502	30APR2019	AP	WS
J4		REVISED PER ECN-23-...			

1 MATERIAL:
CONTACTS - BRASS.
HOUSING - UL 94V-0 RATED HIGH TEMP NYLON, COLOR / BLACK.
HOLD DOWNS - PHOSPHOR BRONZE.

2 FINISH:
CONTACTS - 2.54µm MINIMUM TIN-LEAD OVER 0.127µm MINIMUM NICKEL.
HOLD DOWNS - 2.54µm TIN-LEAD.

4 RECOMMENDED PC BOARD THICKNESS OF 1.57.

5 KAPTON VACUUM PICK UP BUTTON.

6 DIMENSION APPLIES TO SOLDER TAIL SURFACES AND STANDOFF SURFACES.

7 ALL SOLDER TAILS.

8 FINISH:
CONTACTS - 2.54µm MINIMUM MATTE TIN OVER 1.27µm MINIMUM NICKEL.
HOLD DOWNS - 2.54µm MATTE TIN.

2.54µm MINIMUM MATTE TIN ONVER 1.27µm MINIMUM NICKEL.

9 - COUNTERPART RECOMMENDED IS PN 794617 (DASH ACC. TO NUMBER OF POSITION).

10 - FOR REELING DIRECTION AND PACKAGING TYPE, SEE SPECIFICATION 114-13000.

36.86	37.3	33.00	40.00	24	5-794633-4
33.86	34.3	30.00	37.00	22	5-794633-2
30.86	31.3	27.00	34.00	20	5-794633-0
27.86	28.3	24.00	31.00	18	4-794633-8
24.86	25.3	21.00	28.00	16	4-794633-6
21.86	22.3	18.00	25.00	14	4-794633-4
18.86	19.3	15.00	22.00	12	4-794633-2
15.86	16.3	12.00	19.00	10	4-794633-0
12.86	13.3	9.00	16.00	8	3-794633-8
9.86	10.3	6.00	13.00	6	3-794633-6
6.86	7.3	3.00	10.00	4	3-794633-4
3.86	4.3	-	7.00	2	3-794633-2
36.86	37.3	33.00	40.00	24	2-794633-4
33.86	34.3	30.00	37.00	22	2-794633-2
30.86	31.3	27.00	34.00	20	2-794633-0
27.86	28.3	24.00	31.00	18	1-794633-8
24.86	25.3	21.00	28.00	16	1-794633-6
21.86	22.3	18.00	25.00	14	1-794633-4
18.86	19.3	15.00	22.00	12	1-794633-2
15.86	16.3	12.00	19.00	10	1-794633-0
12.86	13.3	9.00	16.00	8	794633-8
9.86	10.3	6.00	13.00	6	794633-6
6.86	7.3	3.00	10.00	4	794633-4
3.86	4.3	-	7.00	2	794633-2

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SUPERSEDED BY 5 794633-4
SUPERSEDED BY 5 794633-2
SUPERSEDED BY 5 794633-0
SUPERSEDED BY 4 794633-8
SUPERSEDED BY 4 794633-6
SUPERSEDED BY 4 794633-4
SUPERSEDED BY 4 794633-2
SUPERSEDED BY 4 794633-0
SUPERSEDED BY 3 794633-8
SUPERSEDED BY 3 794633-6
SUPERSEDED BY 3 794633-4
SUPERSEDED BY 3 794633-2

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. HOOVER 23-MAR-2005	TE Connectivity	
DIMENSIONS: mm		CHK C. JONES 23-MAR-2005		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD C. JONES 23-MAR-2005	NAME	
0 PLC ±		PRODUCT SPEC	SURFACE MOUNT, VERTICAL, MECHANICAL HOLD DOWN, ASSEMBLY, TIN HEADER, DUAL ROW, MICRO MATE-N-LOK (TM)	
1 PLC ±0.13		108-1836		
2 PLC ±		APPLICATION SPEC	SIZE CAGE CODE DRAWING NO	
3 PLC ±		114-13000	RESTRICTED TO	
4 PLC ±1°		WEIGHT	A2b0779C-794633	
FINISH		CUSTOMER DRAWING	SCALE 4:1 SHEET 1 OF 1 REV 13	
SEE TABLE				