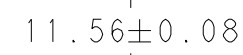


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	N	REDRAWN/REVISED PER ECO-17-001757	11NOV2017	GR	JO



Technical drawing of a 16-pin connector assembly. The drawing shows a top view of the connector with two rows of 8 pins each. Key dimensions and labels include:

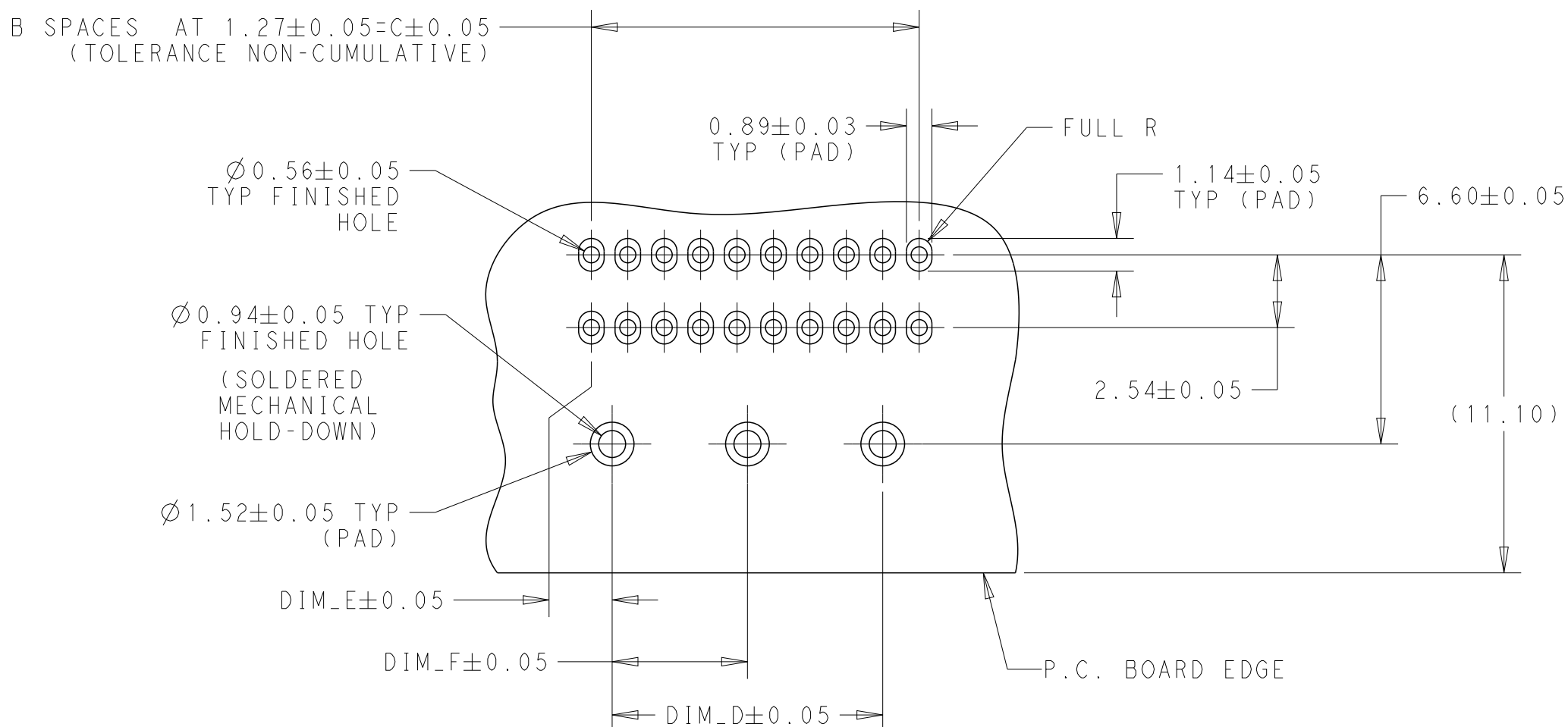
- Overall Width:** DIM_A ± 0.05
- Pin Pitch:** (1.27)
- Mounting Hole Diameter:** 5.51
- Pin Diameter:** Ø OF Z
- Pin Label:** Y
- Pin Orientation:** A symbol indicating the pin is to be inserted into the connector.

$\varnothing$	0.3	M	Y	Z	S
---------------	-----	---	---	---	---

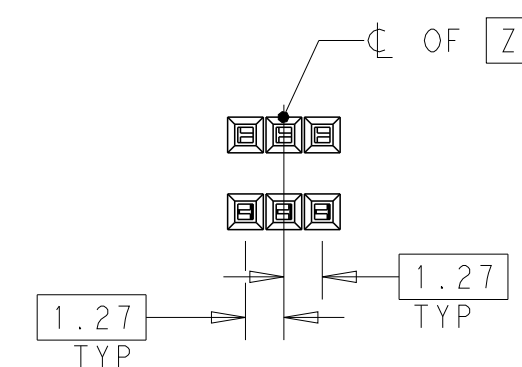
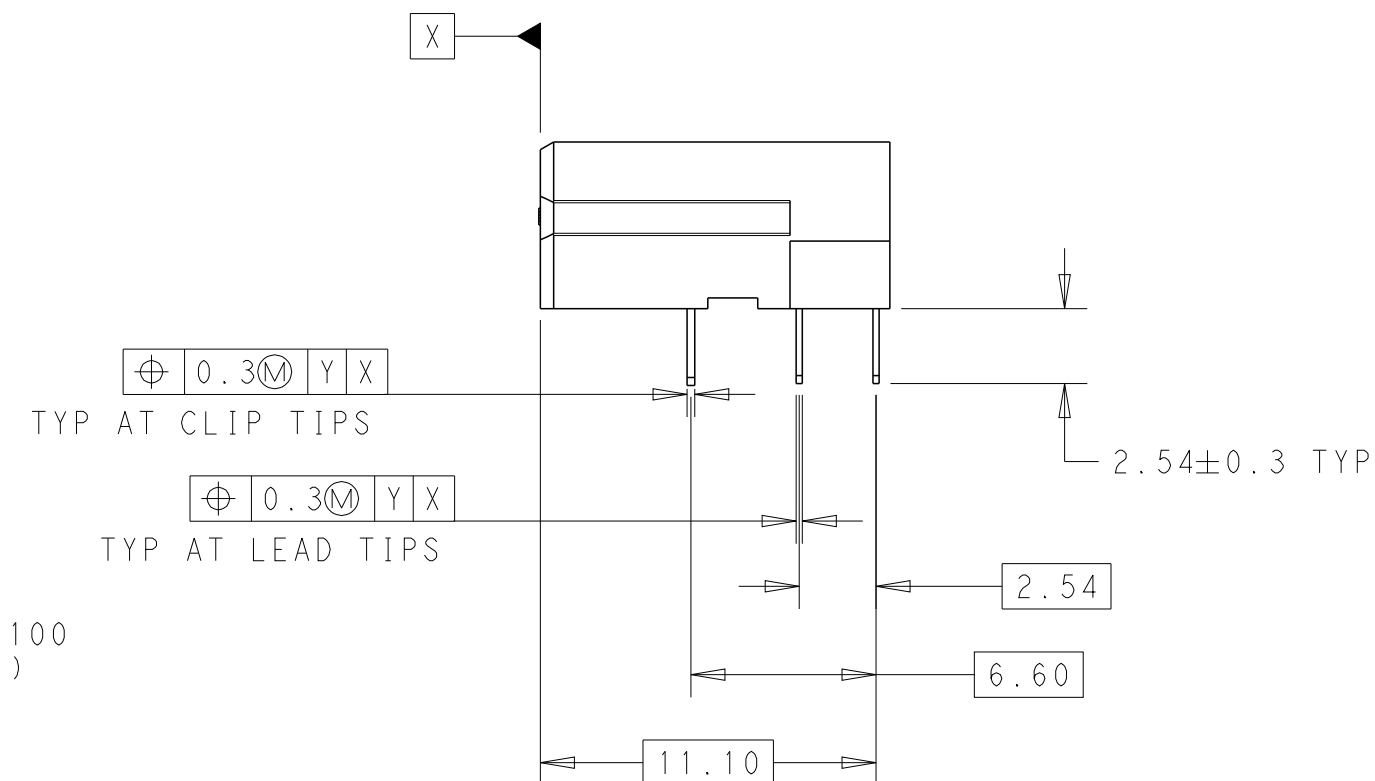
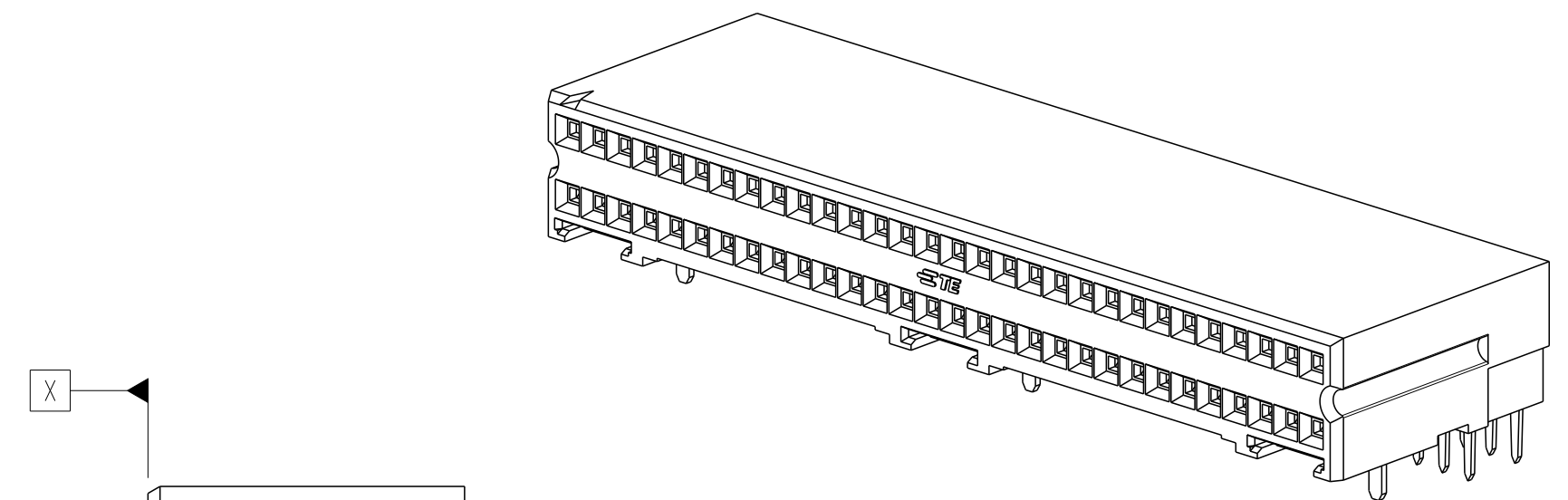
$\varnothing$	0.3	(M)	Y	Z	(S)
---------------	-----	-----	---	---	-----

—HOLD DOWN FEATURE LOCATED
AS SHOWN FOR 10, 60, 80, AND 100
POSN ASSEMBLIES (SEE TABLE)

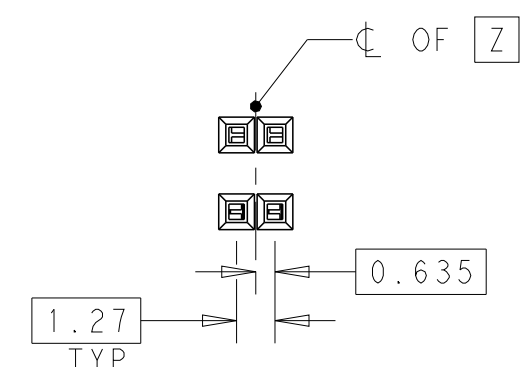
HOLD DOWN FEATURES LOCATED
AS SHOWN FOR 20,24,30,40,50,60,
80 AND 100 POSN ASSEMBLIES (SEE TABLE)



RECOMMENDED BOARD LAYOUT



BASIC DIMENSIONS FOR
EVEN NO OF SPACES
(SEE TABLE)



BASIC DIMENSIONS FOR
ODD NO OF SPACES
(SEE TABLE)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN G. RAMESH 11NOV2017 CHK J. OLSON 11NOV2017 APVD J. OLSON 11NOV2017		 TE Connectivity	
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±0.3 2 PLC ±0.13 3 PLC ±. 4 PLC ±. ANGLES ±0.5° FINISH		NAME RECEPTACLE ASSEMBLY, RIGHT ANGLE, AMPMODU SYSTEM 50 -	
MATERIAL - - - 3		PRODUCT SPEC 108-1093 APPLICATION SPEC 114-25031 WEIGHT -		SIZE A2 CAGE CODE 00779 DRAWING NO C-103911 RESTRICTED TO -	
SEE TABLE		CUSTOMER DRAWING		SCALE 4:1	SHEET 1 of 2
				REV N	

4

3

2

1

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RELEASED FOR PUBLICATION

20

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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

1

CONTACT AREA PLATED WITH 0.76µm GOLD;
SOLDER CLIPS AND LEADS PLATED WITH 3.81µm TIN-LEAD,
ALL OVER 1.27µm NICKEL

2

NOTE DELETED.

3

HOUSING: LCP, COLOR-BLACK.
CONTACT: COPPER ALLOY.
SOLDER CLIP: PHOSPHOR BRONZE

4

CONTACT AREA PLATED WITH 0.76µm GOLD;
SOLDER CLIPS AND LEADS PLATED WITH 3.81µm TIN ALL OVER 1.27µm

5

NOTE DELETED.

6

ROHS 2002/95/EC COMPLIANT

7

FINISH: 0.03µm MIN.GOLD ON GOLD PLATED AREA, 3.81µm
MATTE TIN LEAD ON PLATE AREA, UNDER PLATING SHOULD BE 1.27µm
NICKEL ON ENTIRE CONTACT.

8

NOTE DELETED.

9

NOTE DELETED.

10

NOTE DELETED.

11

FINISH:0.03µm MIN.GOLD ON GOLD PLATED AREA, 3.81µm
MATTE TIN ON TIN PLATED AREA, UNDER PLATING SHOULD BE 1.27µm
NICKEL ON ENTIRE CONTACT

11 6	-	1.27	11.43	13.97	11	16.36	24	7-103911-9
	29.85	1.27	59.69	62.23	49	64.62	100	7-103911-8
	-	1.27	15.24	17.78	14	20.17	30	7-103911-7
	23.5	1.27	46.99	49.53	39	51.92	80	7-103911-6
	-	1.27	21.59	24.13	19	26.52	40	7-103911-5
	-	1.27	27.94	30.48	24	32.87	50	7-103911-4
	17.15	1.27	34.29	36.83	29	39.22	60	7-103911-3
	-	1.27	8.89	11.43	9	13.82	20	7-103911-2
-	2.54	-	5.08	4	7.47	10	7-103911-1	
4 6	-	1.27	11.43	13.97	11	16.36	24	5-103911-9
	29.85	1.27	59.69	62.23	49	64.62	100	5-103911-8
	-	1.27	15.24	17.78	14	20.17	30	5-103911-7
	23.5	1.27	46.99	49.53	39	51.92	80	5-103911-6
	-	1.27	21.59	24.13	19	26.52	40	5-103911-5
	-	1.27	27.94	30.48	24	32.87	50	5-103911-4
	17.15	1.27	34.29	36.83	29	39.22	60	5-103911-3
	-	1.27	8.89	11.43	9	13.82	20	5-103911-2
-	2.54	-	5.08	4	7.47	10	5-103911-1	
FINISH	DIM_F	DIM_E	DIM_D	DIM_C	B SPACES	DIM_A	NO OF POSN	PART NUMBER

7	-	1.27	11.43	13.97	11	16.36	24	2-103911-9
	29.85	1.27	59.69	62.23	49	64.62	100	2-103911-8
	-	1.27	15.24	17.78	14	20.17	30	2-103911-7
	23.5	1.27	46.99	49.53	39	51.92	80	2-103911-6
	-	1.27	21.59	24.13	19	26.52	40	2-103911-5
	-	1.27	27.94	30.48	24	32.87	50	2-103911-4
	17.15	1.27	34.29	36.83	29	39.22	60	2-103911-3
	-	1.27	8.89	11.43	9	13.82	20	2-103911-2
-	2.54	-	5.08	4	7.47	10	2-103911-1	
1	-	1.27	11.43	13.97	11	16.36	24	103911-9
	29.85	1.27	59.69	62.23	49	64.62	100	103911-8
	-	1.27	15.24	17.78	14	20.17	30	103911-7
	23.5	1.27	46.99	49.53	39	51.92	80	103911-6
	-	1.27	21.59	24.13	19	26.52	40	103911-5
	-	1.27	27.94	30.48	24	32.87	50	103911-4
	17.15	1.27	34.29	36.83	29	39.22	60	103911-3
	-	1.27	8.89	11.43	9	13.82	20	103911-2
-	2.54	-	5.08	4	7.47	10	103911-1	
FINISH	DIM_F	DIM_E	DIM_D	DIM_C	B SPACES	DIM_A	NO OF POSN	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±-

1 PLC ±0.3

2 PLC ±0.13

3 PLC ±-

4 PLC ±-

ANGLES ±0.5°

FINISH -

SEE TABLE

DWN G.RAMESH 11NOV2017

CHK J.OLSON 11NOV2017

APVD J.OLSON 11NOV2017

PRODUCT SPEC 108-1093

APPLICATION SPEC 114-25031

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME RECEPTACLE ASSEMBLY,RIGHT ANGLE,
AMPMODU SYSTEM 50

SIZE A2CAGE CODE 00779DRAWING NO C-103911RESTRICTED TO -

SCALE 4:1SHEET 2 OF 2REV N

1471-9 (3/13)

Mouser Electronics

Authorized Distributor

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