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20

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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			

POS. X 2.54 = L±0.5

(L-2.54)±0.1

2.54±0.1

2.8

2.54±0.1

5.0

F

B

A

0.3

C REF

0.63

"F" = GOLD AREA

(L-2.54)±0.1

2.54±0.1

2.54±0.1

2.54±0.1

1±0.05

SCALE 8:1

LAYOUT FOR HOLES ON PCB

DIMENSION					PART-NO.		PART- NO.		PART- NO.								
					SELECTIVE GOLD PLATED			TIN PLATED		SELECTIVE GOLD PLATED							
A	B	C	F	-	1	5	7	WEIGHT POS. PER ROW	2	5	7	WEIGHT POS. PER ROW	3	4	7	WEIGHT POS. PER ROW	
12.7	6.7	3.2	5.5	-				826632				826925				828420	0.1276 g
12.0	6.7	2.5	4.4	-				826633				826941					0.1226 g
11.8	5.8	3.2	4.4	-				826656				826942				828533	0.1212 g
11.1	5.8	2.5	4.4	-				826657				826943					0.1162 g
14.0	8.0	3.2	4.4	-				826658				826944					0.1366 g
13.3	8.0	2.5	4.4	-				826659				826945					0.1316 g

CONTACT PIN	CuZn	SEE TABLE
PIN HOUSING	PBT GV	SEE TABLE
DESCRIPTION	MATERIAL	FABRE/COLOR/PLATING/SURFACE

NOTES:

1MATING SIDE : AREA "F" MIN 0.7µm PdNi + MIN 0.1µm GOLD OVER 1.27µm NICKEL BY AREA "B"
SOLDER SIDE: MIN 3µm TIN OVER 1.27µm NICKEL

2MATING AND SOLDER SIDE : MIN 3µm TIN OVER 1.27µm NICKEL

3MATING SIDE: AREA "F" 0.13µm GOLD OVER 1.27µm NICKEL BY AREA "B"
SOLDER SIDE: MIN 3µm TIN OVER 1.27µm NICKEL

4COLOR OF HOUSING: GREY

5COLOR OF HOUSING: GREEN

6TOLERANCES NOT CUMULATIVE

7THE NUMBER OF POSITION PER ROW HAS TO BE ADDED TO THE BASE NO. AS A DASH NO.
EG: 2-826632-0 = 20 POSITIONS

THE NUMBER OF POSITIONS PER ROW IS ALSO THE FACTOR FOR THE WEIGHT DETERMINATION
E.G: 20 X 0.1276 g = 2.552 g

8OBSOLETE

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
G.HOLAUS
10NOV1989

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

±0.2mm

6

0 PLC ±
1 PLC ±
2 PLC ±
3 PLC ±
4 PLC ±
ANGLES ±
FINISH -

MATERIAL

SEE TABLE

-

CHK
SCHAARSCHMIDT M.

APVD

PRODUCT SPEC
108-18012

APPLICATION SPEC
114-25011

WEIGHT

CUSTOMER DRAWING

NAME

AMPMODU II PIN HEADER,
SINGLE ROW, DUAL ROW,
VERTICAL AND RIGHT ANGLE MOUNT

SIZE
A2

CAGE CODE
00779

DRAWING NO
826629

RESTRICTED TO

SCALE
5:1

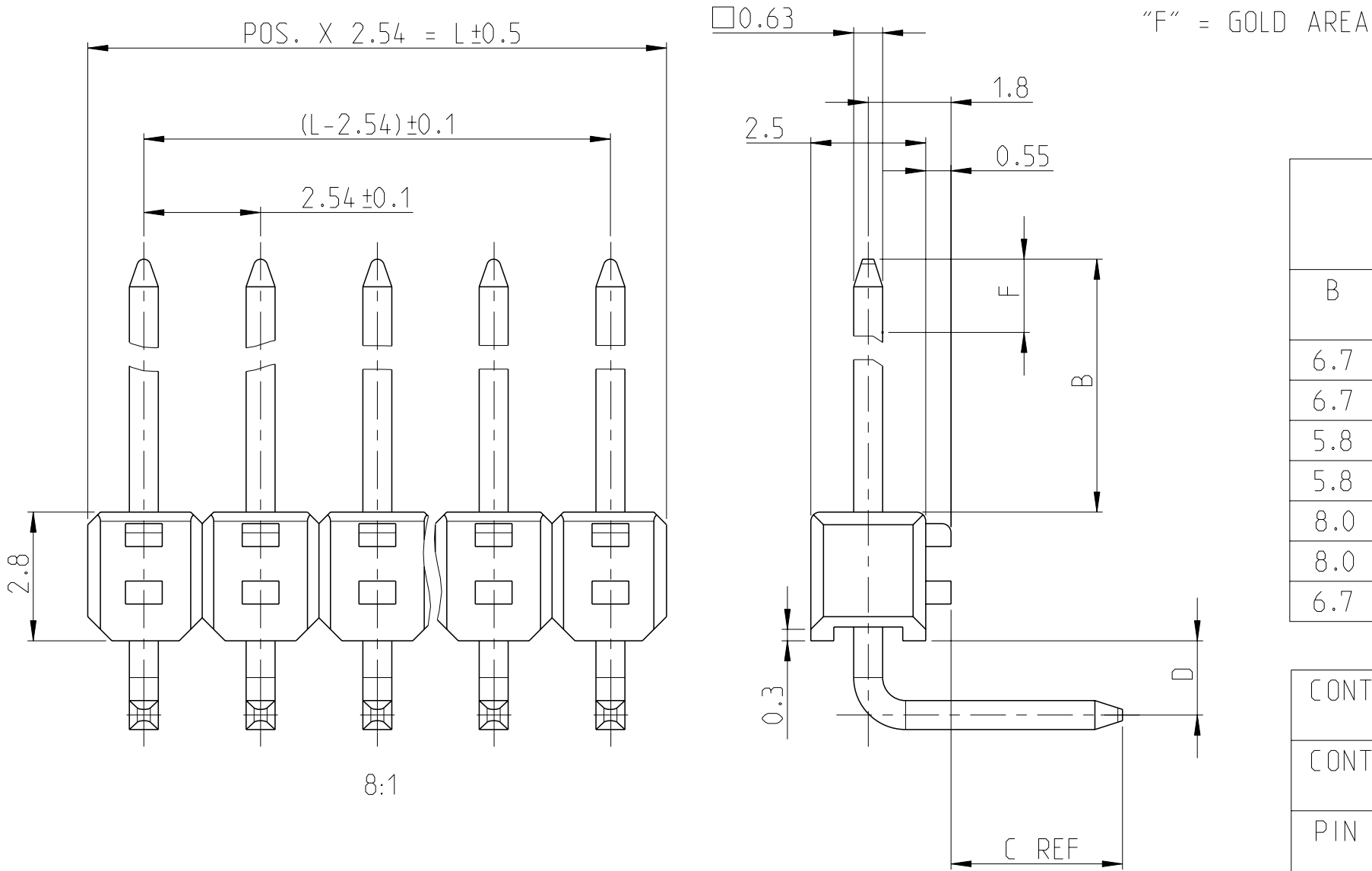
SHEET
2 OF 4

REV
AC

1471-9 (3/13)

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			

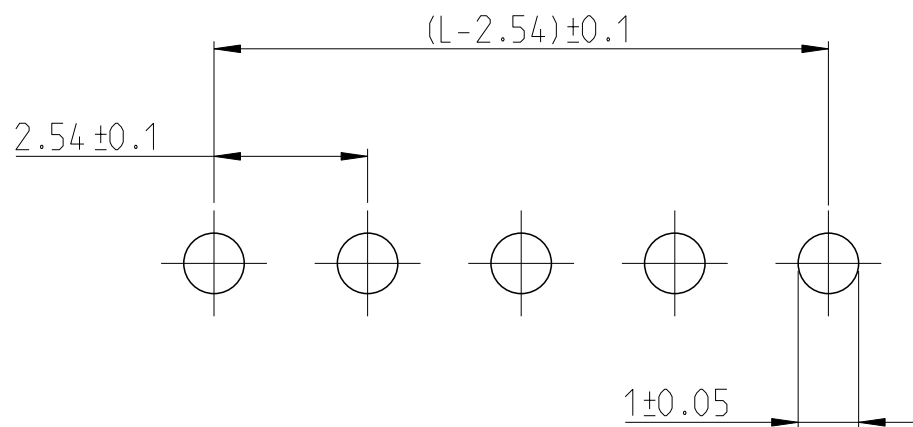
D



C

8:1

B



SCALE 8:1
LAYOUT FOR HOLES ON PCB

A

DIMENSION					PART-NO.		PART- NO.		PART- NO.		
					SELECTIVE GOLD PLATED			TIN PLATED		SELECTIVE GOLD PLATED	
B	C	D	F	-	  	WEIGHT POS. PER ROW	 	WEIGHT POS. PER ROW	  	WEIGHT POS. PER ROW	
6.7	3.2	1.3	4.4	-	826631	0.0757 g	  	0.0760 g			
6.7	2.5	1.3	4.4	-	826651	0.0731 g	  	0.0735 g			
5.8	3.2	1.3	4.4	-	826652	0.0726 g	  	0.0728 g	 829071	0.0726 g	
5.8	2.5	1.3	4.4	-	826653	0.0701 g	  	0.0704 g			
8.0	3.2	1.3	4.4	-	826654	0.0803 g	  	0.0807 g			
8.0	2.5	1.3	4.4	-	826655	0.0777 g	   	0.0782 g			
6.7	3.2	1.3	5.5	-	-	-	-	-	 828419	0.0758 g	

CONTACT PIN	CuZn	SEE TABLE
CONTACT PIN	CuSn6	SEE TABLE
PIN HOUSING	PBT GV	SEE TABLE
DESCRIPTION	MATERIAL	FABRE/COLOR/PALTING/SURFACE

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SOLDER SIDE: MIN 3 µm TIN OVER 1.27 µm NICKEL

2 MATING AND SOLDER SIDE : MIN 3 µm TIN OVER 1.27 µm NICKEL

3 MATING SIDE: AREA "F" 0.13 µm GOLD OVER 1.27 µm NICKEL BY AREA "B"
SOLDER SIDE: MIN 3 µm TIN OVER 1.27 µm NICKEL

4 COLOR OF HOUSING: GREY

5 COLOR OF HOUSING: GREEN

6 TOLERANCES NOT CUMULATIVE

7 THE NUMBER OF POSITION PER ROW HAS TO BE ADDED TO THE BASE NO. AS A DASH NO.
EG: 2-826631-0 = 20 POSITIONS

THE NUMBER OF POSITIONS PER ROW IS ALSO THE FACTOR FOR THE WEIGHT DETERMINATION
E.G: 20 X 0.0757 g = 1.514 g

8 OBSOLETE

10 MATING AND SOLDER SIDE : 2 µm TIN OVER 1.27 µm NICKEL

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN	10NOV1989	TE Connectivity		
			CHK	G.HOLAUS			
			APVD	SCHAARSCHMIDT M.	NAME AMPMODU II PIN HEADER, SINGLE ROW, DUAL ROW, VERTICAL AND RIGHT ANGLE MOUNT		
			PRODUCT SPEC	108-18012			
			APPLICATION SPEC	114-25011	SIZE	CAGE CODE	DRAWING NO
			WEIGHT	-	A2	00779	C=826629
			CUSTOMER DRAWING		SCALE	5:1	SHEET 3 OF 4

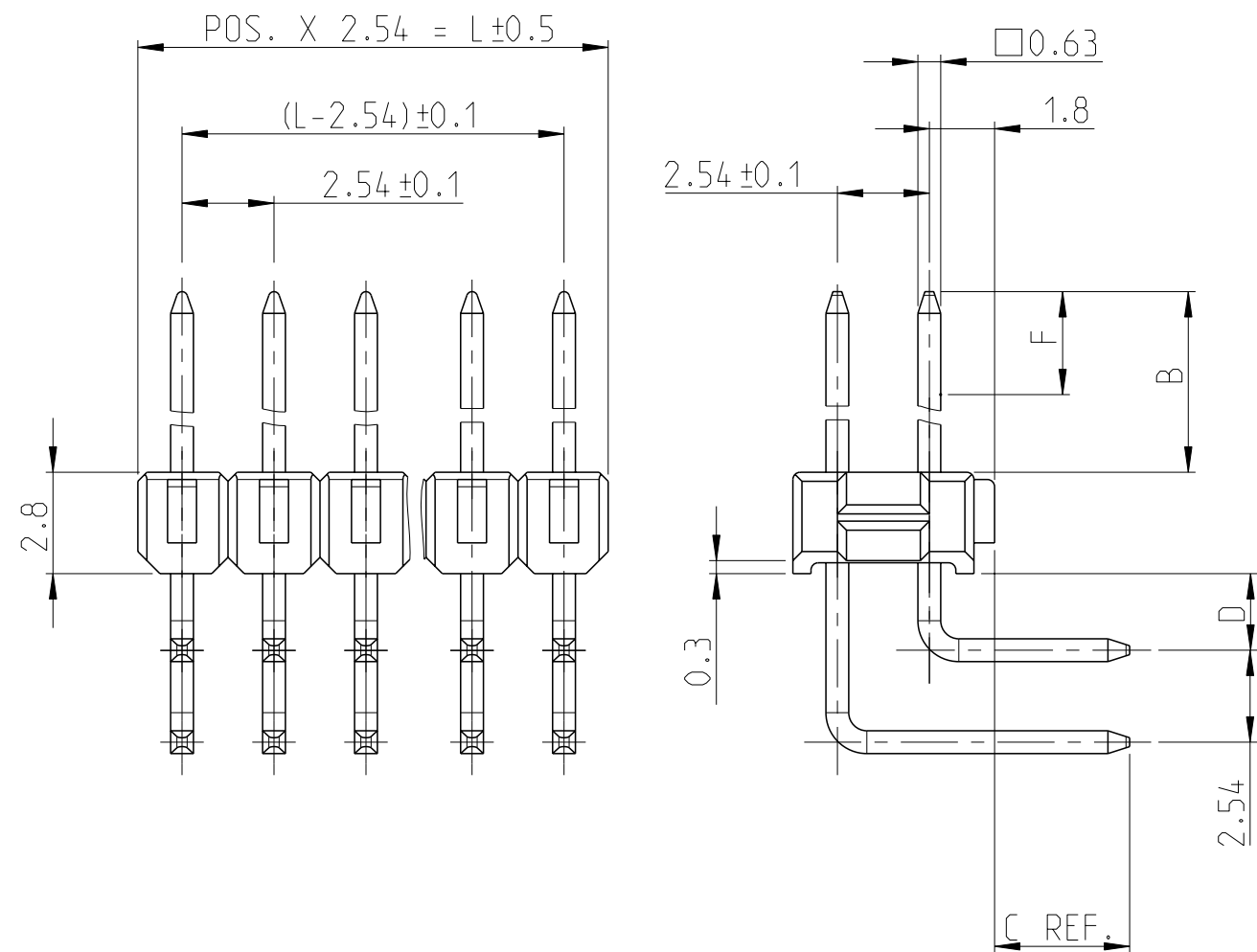
D

C

B

A

D



“F” = GOLD AREA

DIMENSION						PART-NO.		PART- NO.		PART- NO.	
						SELECTIVE GOLD PLATED		TIN PLATED		SELECTIVE GOLD PLATED	
B	C	D	F	-		157	WEIGHT POS. PER ROW	257	WEIGHT POS. PER ROW	347	WEIGHT POS. PER ROW
6.7	3.2	1.3	4.4	-		826634	0.1646 g	826953	0.1656 g	8 828418	0.1651 g
6.7	2.5	1.3	4.4	-		8 826661	0.1597 g	8 826954	0.1606 g		
5.8	3.2	1.3	4.4	-		826662	0.1587 g	826955	0.1603 g	8 829072	0.1587 g
5.8	2.5	1.3	4.4	-		826663	0.1538 g	8 826956	0.1542 g		
8.0	3.2	1.3	4.4	-		826664	0.1741 g	826957	0.1749 g		
8.0	2.5	1.3	4.4	-		826665	0.1687 g	8 826958	0.1699 g		

CONTACT PIN	CuZn	SEE TABLE
PIN HOUSING	PBT GV	SEE TABLE
DESCRIPTION	MATERIAL	FABRE/COLOR/PALTING/SURFACE

NOTES:

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3 MATING SIDE: AREA “F” 0.13µm GOLD OVER 1.27µm NICKEL BY AREA “B”
SOLDER SIDE: MIN 3µm TIN OVER 1.27µm NICKEL

4 COLOR OF HOUSING: GREY

5 COLOR OF HOUSING: GREEN

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7 THE NUMBER OF POSITION PER ROW HAS TO BE ADDED TO THE BASE NO. AS A DASH NO.
EG: 2-826634-0 = 20 POSITIONS

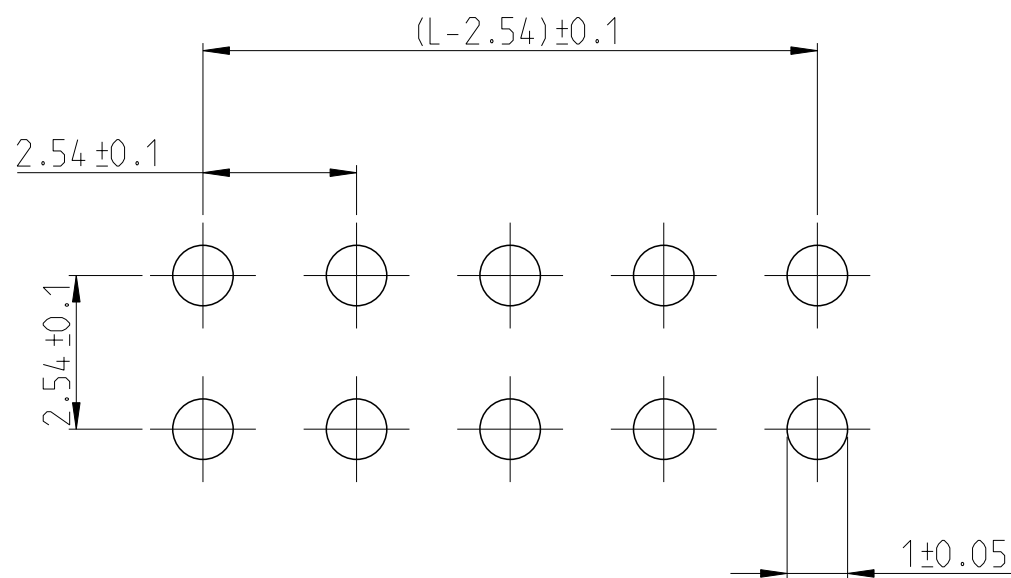
THE NUMBER OF POSITIONS PER ROW IS ALSO THE FACTOR FOR THE WEIGHT DETERMINATION
E.G: 20 X 0.1646 g = 3.292 g

8 OBSOLETE

C

B

A



SCALE 8:1
LAYOUT FOR HOLES ON PCB

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN G.HOLAUS	10NOV1989	TE Connectivity		
DIMENSIONS:			CHK SCHAARSCHMIDT M.	-			
mm			APVD	-	NAME AMPMODU II PIN HEADER, SINGLE ROW, DUAL ROW, VERTICAL AND RIGHT ANGLE MOUNT		
			PRODUCT SPEC	-			
			APPLICATION SPEC	108-18012	SIZE A2		
			114-25011	-			
MATERIAL SEE TABLE			WEIGHT	-	CAGE CODE 00779		
			CUSTOMER DRAWING	-	DRAWING NO 826629		
			SCALE	5:1	SHEET 4 OF 4		
			REV	AC			

Mouser Electronics

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[826647-2](#)