

8

7

6

5

4

3

2

1

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20

1

CODE A

2±0.1

1.9^{+0.05}_{-0.05}

1.9^{+0.05}_{-0.05}

2±0.1

89.25^{+0.25}_{-0.10}

(2)

(2)

1

7

CODE B

4±0.1

8

CODE C

4±0.1

19

CODE D

4±0.1

10

CODE E

2±0.1

4±0.1

11

CODE F

4±0.1

2±0.1

12

CODE G

2±0.1

13

CODE H

2±0.1

14

CODE Z

9.9^{+0.05}_{-0.05}

31±0.3

90.5^{+0.3}_{-0.3}

35^{+0.35}_{-0.35}

15

6

8

6

1

2

3

5

4

NOTES

1

RETAINER (3) IN PRE-LOCKED CONDITION

2

USED WITH 2209521 (COVER ASSY)

3

PACKING: LAYERS IN BOX

4

TE ASSY NO., SEE TABLE

5

SUITABLE CONTACTS, E.G.:
MCON 1.2 CB 1534594-1 OR 2296537-1 FOR 0.35MM2,
THE DETAIL SEE DRAWING NO. 1534326 AND ONLY
FOR WIRE ISOLATION OD RANGE ø1.10~1.90MM2

AMP MCP 2.8K 1241394-1 FOR 0.5-1MM2,
THE DETAIL SEE DRAWING NO. 1241437

AMP MCP 4.8K 1241414-1 FOR 1.5-2.5MM2,
WITH SWS 1394512-1

AMP MCP 4.8K 1-1241418-3 FOR >4.0 - 6.0MM2
WITH SWS 1719043-1
THE DETAIL SEE DRAWING NO. 1241438

6

FOR ITEM 15, DETAIL VARIANT(PIN OUT FORM) SEE TABLE OF PAGE 2 & PAGE3

7

ASSY P/N NEED LASER MARKING IN ASSY LINE

PN 9-2209520-1 Without SEAL COVER
USED WITH: SEAL COVER X-2437354-X

A

9-2209520-1

LIGHT BLUE

SILICONE

FAMILY SEAL

I

6

BLACK

PBT-GF10

CAVITY BLOCK

I

5

BLACK

PBT-GF10

CAVITY BLOCK

I

4

VIOLET

PBT-GF15

RETAINER

I

3

NATURAL

SILICONE

SEALING

I

2

BLACK

PBT-GF20

HOUSING 46 POS.

I

1

COD

TE ASSY-NO

COLOR

MATERIAL

DESCRIPTION

QTY.

ITEM NO

9

-2209520- IS SUZHOU VERSION PN THAT IS THE
SIMILAR PERFORMANCE OF *-2112825-*

THIS DRAWING IS A CONTROLLED DOCUMENT.
DIMENSIONS: mm
TOLERANCES UNLESS OTHERWISE SPECIFIED
0 PLC
1 PLC
2 PLC
3 PLC
4 PLC
MOLDS
FINISH

OWN J.ZONG 04-MAR-13
CHK A.DANG 04-MAR-13
APVD L.YIN 04-MAR-13

PRODUCT SPEC
108-101281
APPLICATION SPEC
116-101047
WEIGHT 58.8g

THIS DRAWING IS A CONTROLLED DOCUMENT.
CUSTOMER DRAWING

With SEAL COVER PN X-2209520-X
MORE PINOUT CONFIGURATION INFORMATION SEES PAGE 2.

B

9-2209845-9

NATURAL

PBT-GF20

SEAL COVER

1

15

LIGHT BLUE

SILICONE

FAMILY SEAL

1

6

BLACK

PBT-GF10

CAVITY BLOCK

1

5

BLACK

PBT-GF10

CAVITY BLOCK

1

4

VIOLET

PBT-GF15

RETAINER

1

3

NATURAL

SILICONE

SEALING

1

2

BLACK

PBT-GF20

HOUSING 46 POS.

1

7

A

9-2209520-9

NATURAL

PBT-GF20

SEAL COVER

1

15

LIGHT BLUE

SILICONE

FAMILY SEAL

1

6

BLACK

PBT-GF10

CAVITY BLOCK

1

5

BLACK

PBT-GF10

CAVITY BLOCK

1

4

VIOLET

PBT-GF15

RETAINER

1

3

NATURAL

SILICONE

SEALING

1

2

BLACK

PBT-GF20

HOUSING 46 POS.

1

1

COD

TE ASSY-NO

COLOR

MATERIAL

DESCRIPTION

QTY.

ITEM NO

TE Connectivity

46 POS REC HSG. ASSY

MCON 1.2CB, MCP 2.8/4.8 mm

SIZE CAGE CODE DRAWING NO
A1 00779 ©=2209520

RESTRICTED TO

SCALE 1:1

SHEET 1 OF 3

REV B28

4805 (3/11)

Downloaded from Arrow.com

CODING A
OTHER VARIANT PN SEE SHEET 3

CODING B

rev_sym_1	rev_desc_1	rev_date	rev_desc_appr_1
rev_sym_2	rev_desc_2	rev_date	rev_desc_appr_2
rev_sym_3	rev_desc_3	rev_date	rev_desc_appr_3
rev_sym_4	rev_desc_4	rev_date	rev_desc_appr_4

ITEM 15 VARIANT	ORDER-NO. CODING A	CAVITY (X = CAVITY CLOSED)																																															
		4	5	6	7	8	9	10	11	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45										
099	9-2209520-9	ALL PINS REMOVED																																															
098	9-2209520-8																																																
091	9-2209520-1	SEE NOTES																																															
***	***																																																
068	6-2209520-8	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
067	6-2209520-7	X	X	X	X					X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
066	6-2209520-6					X														X																								X					
065	6-2209520-5											X		X			X	X	X							X								X	X									X	X				
064	6-2209520-4	X		X		X	X	X				X								X		X			X		X		X		X		X					X	X		X								
063	6-2209520-3	X	X			X						X								X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
062	6-2209520-2	X	X					X	X			X	X	X								X		X		X		X	X		X				X		X		X		X								
061	6-2209520-1	X		X		X								X							X	X	X		X	X	X		X		X				X		X		X		X		X	X					
060	6-2209520-0	X		X		X	X	X	X			X							X		X	X	X		X		X						X			X	X	X	X	X	X	X	X	X	X				
059	5-2209520-9	X					X	X	X	X	X	X					X	X	X	X			X		X		X		X		X		X		X	X	X	X	X	X	X	X	X	X	X				
058	5-2209520-8	X		X		X	X		X	X	X			X					X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
057	5-2209520-7	X		X		X	X	X				X	X	X					X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
056	5-2209520-6	X		X		X	X	X	X			X								X		X							X																				
055	5-2209520-5		X			X	X	X	X	X	X	X	X	X			X	X	X	X	X					X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
054	5-2209520-4	X	X				X	X	X	X		X				X		X						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
053	5-2209520-3													X		X											X	X	X		X				X	X	X								X	X			
052	5-2209520-2	X												X								X	X			X	X	X		X	X	X					X		X		X		X	X					
051	5-2209520-1									X	X	X	X	X	X	X	X	X			X	X	X		X	X	X					X		X	X	X	X	X	X	X	X	X	X	X	X				
050	5-2209520-0									X	X	X	X	X	X	X	X	X			X	X	X		X	X	X					X		X		X		X		X		X		X	X				
049	4-2209520-9									X	X	X	X	X	X	X	X	X						X					X					X		X		X		X		X		X	X				
048	4-2209520-8									X	X	X	X	X	X	X	X	X						X	X	X					X		X	X	X	X	X	X	X	X	X	X	X	X	X				
047	4-2209520-7	X				X	X	X	X				X	X						X		X	X	X		X	X	X		X		X				X		X	X	X	X	X	X	X	X				
046	4-2209520-6	X				X	X		X				X							X		X	X	X		X	X	X		X					X		X	X	X	X	X	X	X	X	X				
045	4-2209520-5									X	X	X	X	X	X	X	X	X					X	X	X				X								X		X		X		X	X	X				
044	4-2209520-4									X	X	X	X	X	X	X	X	X							X				X					X		X	X	X	X	X	X	X	X	X	X				
043	4-2209520-3									X	X	X	X	X	X	X	X	X							X				X					X		X		X		X		X	X	X	X				
042	4-2209520-2		X				X	X	X	X	X	X					X	X	X	X					X		X		X					X		X		X		X		X		X					
041	4-2209520-1	X		X				X	X				X						X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
040	4-2209520-0									X	X					X		X						X	X	X		X	X		X				X		X		X		X		X		X				
039	3-2209520-9	X		X																		X	X	X													X		X		X		X		X				
038	3-2209520-8	X				X	X		X				X							X		X	X	X			X	X					X		X		X		X		X		X		X				
037	3-2209520-7													X		X				X	X	X			X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X				
036	3-2209520-6									X	X				X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
035	3-2209520-5	X		X		X	X	X	X	X	X	X	X	X					X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
034	3-2209520-4	X		X		X	X	X	X				X							X		X	X	X	X	X	X	X	X					X		X		X		X		X		X					
033	3-2209520-3	X		X		X	X	X	X				X					X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
032	3-2209520-2									X	X	X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
031	3-2209520-1	X		X		X	X	X	X				X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
030	3-2209520-0									X	X			X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
029	2-2209520-9	X		X			X	X	X			X			X				X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
028	2-2209520-8	X		X		X	X	X	X			X	X	X					X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
027	2-2209520-7									X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
026	2-2209520-6		X			X								X								X																							X	X			
025	2-2209520-5		X		X	X	X					X	X	X								X																							X	X			
024	2-2209520-4		X			X																X																							X				
023	2-2209520-3		X		X	X	X					X	X									X		X																				X					
022	2-2209520-2	X		X		X	X	X				X	X	X								X		X			X																X	X	X				
021	2-2209520-1	X		X		X	X	X				X	X									X		X			X																X	X	X				
020	2-2209520-0	X		X		X								X								X					X																	X	X	X			
019	1-2209520-9	X		X			X															X				X																	X	X	X				
018	1-2209520-8							X		X	X								X																														

ITEM 15		CAVITY (X = CAVITY CLOSED)																																												
VARIANT 	CODING B	4	5	6	7	8	9	10	11	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45							
099	9-2209845-9	ALL PINS REMOVED																																												
098	***																																													
***	***																																													
003	***																																													
002	***																																													
WITHOUT MARKING	0-2209845-1	BASE PART																																												

				mm				A.DANG APVD 04-MAR-13 I.YIN		 TE Connectivity	
						0 PLC 1 PLC 2 PLC 3 PLC 4 PLC		NAME HOUSING MCON1.2CB, MCP2.8/4.8mm, 46 POS., ASSY			
- SEE SHEET 1				- - -		ANGLE: 90°		-			
LTR REVISION RECORD				DATE OWN APVD		SURFACE TEXTURE		SCALE 1:1		SIZE A1	
								DRAWING NO 2209520		SHEET 2 OF 3	
										REV B28	

CODING A

B28

ITEM 15 VARIANT	ORDER-NO.	CAVITY (X = CAVITY CLOSED)																																													
	CODING A	4	5	6	7	8	9	10	11	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45								
099	9-2209520-9	ALL PINS REMOVED																																													
098	9-2209520-8																																														
091	9-2209520-1	SEE NOTES																																													
***	***																																														
075	7-2209520-5										X	X			X	X	X		X		X				X		X				X	X	X	X	X	X						X	X				
074	7-2209520-4		X				X	X	X	X	X	X	X			X	X	X	X			X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
073	7-2209520-3		X	X	X	X				X	X			X	X		X	X	X	X	X	X	X	X	X	X	X			X	X								X					X	X		
072	7-2209520-2		X		X		X	X	X																	X	X	X				X								X	X			X	X	X	
071	7-2209520-1		X		X		X	X	X				X	X	X			X	X						X	X	X			X	X	X	X						X	X			X	X	X	X	
070	7-2209520-0			X										X	X	X			X	X					X	X					X	X	X	X	X	X	X	X	X				X	X			
069	6-2209520-9										X		X			X	X									X								X	X				X			X	X				
WITHOUT MARKING	0-2209520-1	BASE PART																																													

USED ON				WITH 2209521			
rev_sym_1	rev_desc_1	rev_date	rev_dwn	rev_appr_1			
rev_sym_2	rev_desc_2	rev_date	rev_dwn	rev_appr_2			
rev_sym_3	rev_desc_3	rev_date	rev_dwn	rev_appr_3			
rev_sym_4	rev_desc_4	rev_date	rev_dwn	rev_appr_4			

				mm				0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ±		APVD 04-MAR-13				TE Connectivity					
										NAME HOUSING MCON1.2CB, MCP2.8/4.8mm, 46 POS., ASSY									
- SEE SHEET 1				-		-		-		-									
LTR		REVISION RECORD		DATE		DWN		APVD		SCALE		SIZE		DRAWING NO		SHEET		REV	
										1:1		A 1		2209520		3 OF 3		B28	