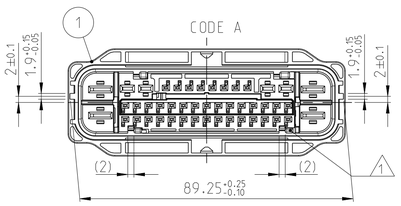
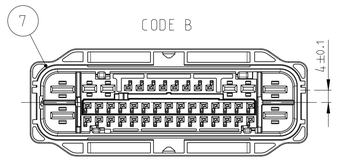
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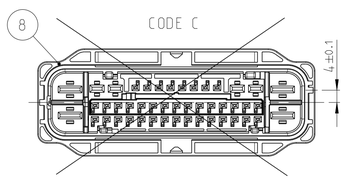
LOC	DIST
ES	00

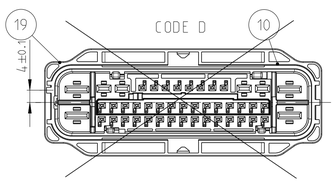
REVISIONS

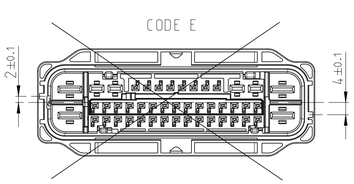
P	LTR	DESCRIPTION	DATE	DWN	APVD
	B27	ECR-24-208648 add variant pn	13MAY 24	S.X	J.Z
	B28	ECR-24-209663 add variant PN	23MAY 24	S.X	J.Z
	C	ECR-24-210935	06JUN 24	S.X	J.Z
	C1	ECR-24-220143	10SEP 24	S.X	J.Z

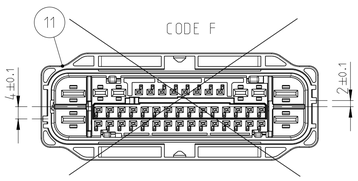


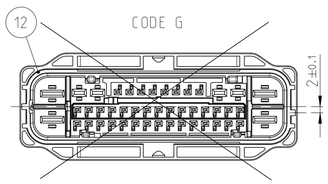


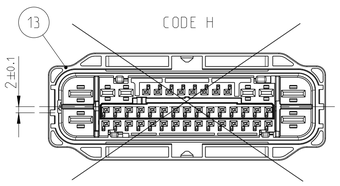


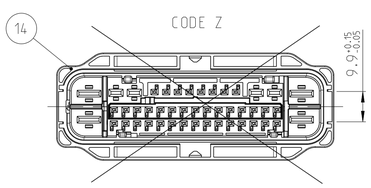


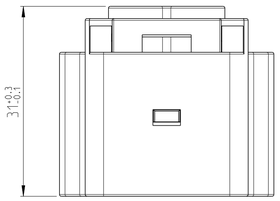


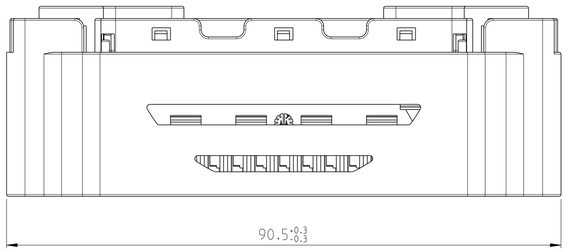


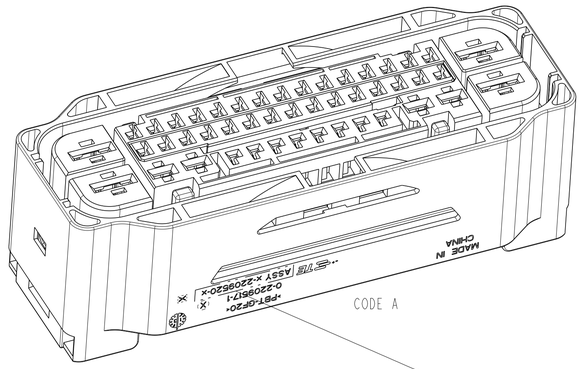


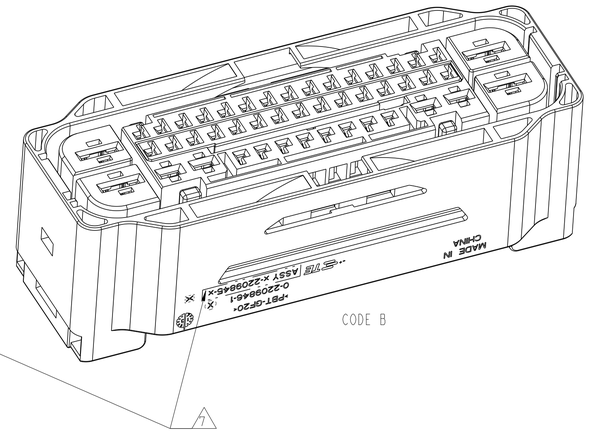


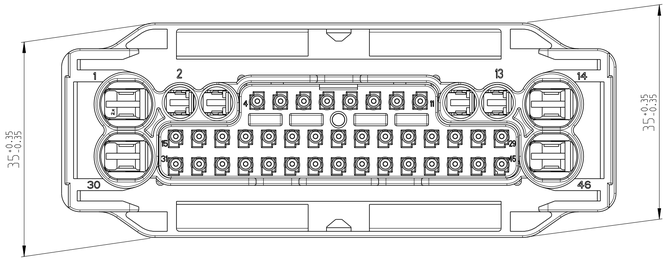


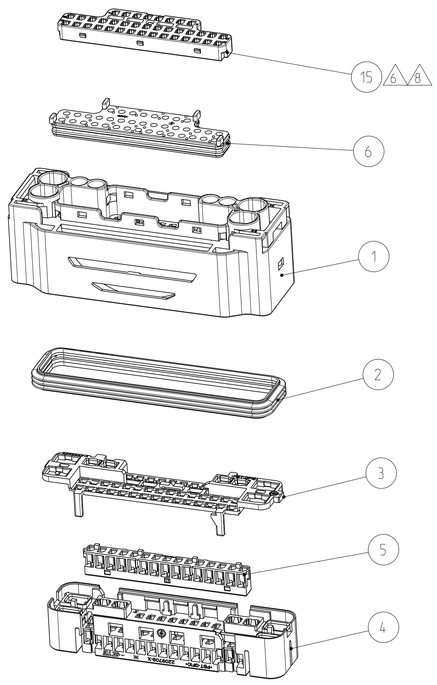












NOTES

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

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

A	9-2209520-1	C	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	REV.	COLOR	MATERIAL	DESCRIPTION	QTY.	ITEM NO

9 *-2209520-* IS SUZHOU VERSION PN THAT IS THE SIMILAR PERFORMANCE OF *-2112825-*

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

B	9-2209845-9	C	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	C	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	REV.	COLOR	MATERIAL	DESCRIPTION	QTY.	ITEM NO

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DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±
2 PLC ±
3 PLC ±
4 PLC ±
ANGLES ±

MATERIAL SEE TABLE -
FINISH -

DWN	J.ZONG	04-MAR-13
CHK	A.DANG	04-MAR-13
APVD	I.YIN	04-MAR-13

PRODUCT SPEC 108-101281
APPLICATION SPEC 114-101047
WEIGHT 58.8g

TE Connectivity

NAME 46 POS REC HSG. ASSY - MCON 1.2CB. MCP 2.8/4.8 mm

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2209520	-

CUSTOMER DRAWING | SCALE 1:1 | SHEET 1 OF 3 | REV C1

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LOC	DIST
ES	00

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD

CODING A
OTHER VARIANT PN SEE SHEET 3

ITEM 15 VARIANT ⚠6	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 ⚠8	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
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
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		
063	6-2209520-3	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				
061	6-2209520-1	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	
059	5-2209520-9	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
057	5-2209520-7	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	
054	5-2209520-4	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				X	X
052	5-2209520-2	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
050	5-2209520-0									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	
048	4-2209520-8									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	
046	4-2209520-6	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	
044	4-2209520-4									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	
042	4-2209520-2		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
040	4-2209520-0									X	X					X			X					X		X	X			X		X	X	X					
039	3-2209520-9	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	
037	3-2209520-7														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
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
034	3-2209520-4	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
032	3-2209520-2									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
030	3-2209520-0									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
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
027	2-2209520-7									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		X
025	2-2209520-5			X		X	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			X		
022	2-2209520-2	X		X		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		X
019	1-2209520-9	X		X			X															X					X								X		X		
018	1-2209520-8								X		X	X							X		X				X		X	X	X	X					X	X	X		
017	1-2209520-7	X		X		X		X	X			X	X		X					X		X	X	X				X						X		X		X	X
016	1-2209520-6	X		X		X	X		X			X	X		X					X		X		X			X	X	X			X		X	X	X	X		X
015	1-2209520-5	X		X		X	X	X				X	X		X									X			X	X	X			X		X	X	X	X	X	
014	1-2209520-4	X				X	X						X									X		X					X					X	X		X		
013	1-2209520-3															X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X			X	X
012	1-2209520-2	X							X			X	X		X					X		X		X			X		X			X				X	X		
011	1-2209520-1	X		X		X	X	X	X			X	X		X					X		X		X			X	X	X			X				X	X		
010	1-2209520-0																X	X	X	X	X	X	X	X	X	X		X		X		X	X	X	X			X	X
009	0-2209520-9	X		X		X	X	X	X	X	X		X		X					X		X	X	X	X	X	X	X						X	X	X	X	X	X
008	0-2209520-8	X		X			X		X				X		X					X		X	X				X							X		X	X		X
007	0-2209520-7	X		X		X	X	X				X	X		X							X	X	X			X	X	X			X		X	X	X	X	X	X
006	0-2209520-6																X	X	X	X	X	X	X	X	X	X		X		X	X	X	X	X	X			X	X
005	0-2209520-5	X	X	X	X	X	X	X	X	X	X	X	X	X					X						X		X		X			X		X	X	X	X	X	X
004	0-2209520-4	X		X					X			X	X		X					X		X	X				X							X			X		X
003	0-2209520-3																																						
002	0-2209520-2																																						
WITHOUT MARKING	0-2209520-1	BASE PART																																					

CODING B

ITEM 15 VARIANT ⚠6	CODING B	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	9-2209845-9	ALL PINS REMOVED																																					
098	***																																						
***	***																																						
003	***																																						
002	***																																						
WITHOUT MARKING	0-2209845-1	BASE PART																																					

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J.ZONG 04-MAR-13	TE Connectivity
		CHK A.DANG 04-MAR-13	
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±	APVD I.YIN 04-MAR-13	NAME 46 POS REC HSG, ASSY - MCON 1.2CB, MCP 2.8/4.8 mm
		PRODUCT SPEC 108-101281	
		APPLICATION SPEC 114-101047	SIZE A1 CAGE CODE 00779 DRAWING NO C-2209520 RESTRICTED TO -
MATERIAL SEE TABLE -	FINISH -	WEIGHT 58.8g	
		CUSTOMER DRAWING	SCALE 1:1 SHEET 2 OF 3 REV C1

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LOC	DIST
ES	00

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD

CODING A

ITEM 15	ORDER-NO.	CAVITY (X = CAVITY CLOSED)																																					
VARIANT 6	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 8	9-2209520-1	SEE NOTES																																					
***	***																																						
076	7-2209520-6	X				X		X		X	X		X									X	X	X	X	X		X	X	X		X		X	X	X	X	X	X
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
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
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
070	7-2209520-0			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	X
WITHOUT MARKING	0-2209520-1	BASE PART																																					

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	J.ZONG	04-MAR-13
CHK	A.DANG	04-MAR-13
APVD	I.YIN	04-MAR-13

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±
2 PLC ±
3 PLC ±
4 PLC ±
ANGLES ±

MATERIAL: SEE TABLE -

FINISH: -

PRODUCT SPEC: ~~108-101281~~

APPLICATION SPEC: 114-101047

WEIGHT: 58.8g

TE Connectivity

NAME: 46 POS REC HSG, ASSY - MCON 1.2CB, MCP 2.8/4.8 mm

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2209520 (C1)	-

CUSTOMER DRAWING

SCALE	SHEET	REV
1:1	3 OF 3	C1

4805 (3/11)

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