

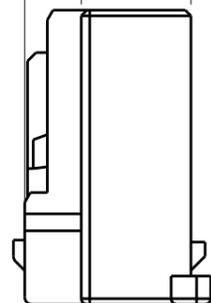
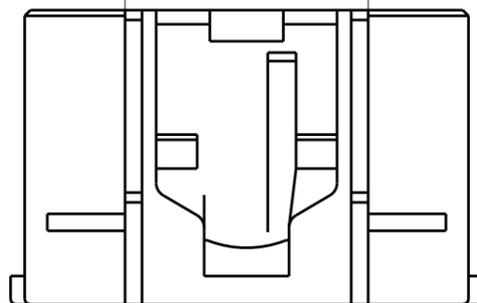
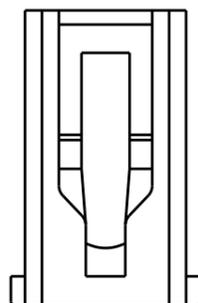
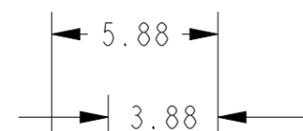
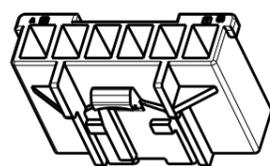
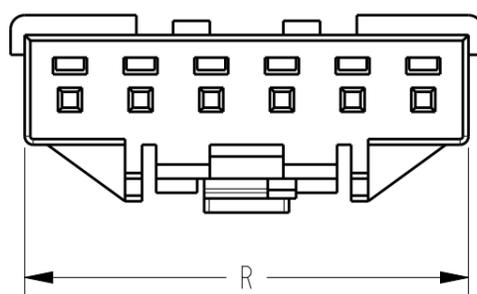
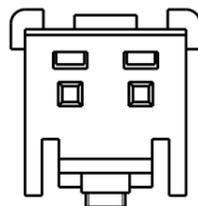
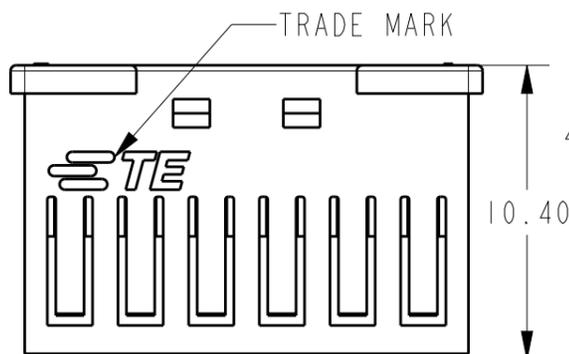
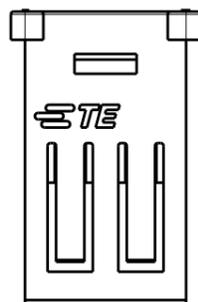
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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
	F	ECR-15-007519	19AUG2015	A.Q	D.Z		
	G	ECR-15-015566	19OCT2015	A.Q	D.Z		

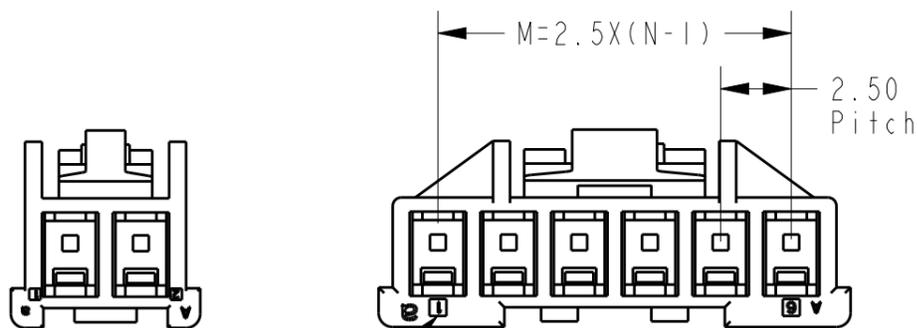
(2 POS.)

(6 POS.)

Notes:
 1 GENERAL TOLERANCE $\pm 0.3, \pm 3^\circ$
 2 MATERIAL: PA66 GF(UL94V-0)
 3 6-1971793-1 AS SHOWN ARE ONLY FOR P/N IN TABLE I
 4 APPLICABLE CONTACT P/N: 1971795-1
 5 RESTRICTED TO SPECIAL CUSTOMER (HAIER)



MATING CONN P/N	COLOR	KEYING	R	M	P	N(POS.)	P/N
3-1971798-4	YELLOW	D	8.2	5	6.2	3	3-2232701-4
3-1971798-2	BLUE	B					3-2232701-2
2-1971798-1	NATURAL	A	5.7	2.5	5.7	2	2-2232701-1
6-1971798-X 6-1971800-X	BLACK	D	15.7	12.5	8.6	6	6-1971793-5
	YELLOW	D					6-1971793-4
	RED	C					6-1971793-3
	BLUE	B					6-1971793-2
5-1971798-X 5-1971800-X	NATURAL	A	13.2	10	8.6	5	5-1971793-1
	BLACK	D					5-1971793-5
	YELLOW	D					5-1971793-4
	RED	C					5-1971793-3
4-1971798-X 4-1971800-X	BLUE	B	10.7	7.5	7.4	4	5-1971793-2
	NATURAL	A					5-1971793-1
	BLACK	D					4-1971793-5
	YELLOW	D					4-1971793-4
3-1971798-X 3-1971800-X	RED	C	8.2	5	6.2	3	4-1971793-3
	BLUE	B					4-1971793-2
	NATURAL	A					4-1971793-1
	BLACK	D					3-1971793-5
2-1971798-X 2-1971800-X	YELLOW	D	5.7	2.5	5.7	2	3-1971793-4
	RED	C					3-1971793-3
	BLUE	B					3-1971793-2
	NATURAL	A					3-1971793-1
2-1971798-X 2-1971800-X	BLACK	D	5.7	2.5	5.7	2	2-1971793-5
	YELLOW	D					2-1971793-4
	RED	C					2-1971793-3
	BLUE	B					2-1971793-2
	NATURAL	A					2-1971793-1



CIRCUIT NO. 1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN HJ.Z 28MAY2013	 TE Connectivity	NAME NEXT GENERATION GRACE INERTIA CONNECTOR 2.5 PLUG HOUSING
DIMENSIONS: mm		CHK HJ.Z 28MAY2013		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD YH.M 28MAY2013		
0 PLC ± 0.3 1 PLC ± 0.3 2 PLC ± 0.13 3 PLC ± 0.013 4 PLC $\pm 0.000J$ ANGLES ± 3		PRODUCT SPEC 108-106077		
MATERIAL SEE NOTE		FINISH -	APPLICATION SPEC 114-106077	RESTRICTED TO -
		WEIGHT -	SIZE A3	CAGE CODE -
		Customer Drawing	DRAWING NO. C-1971793	SCALE N/A
			SHEET 1 OF 3	REV G

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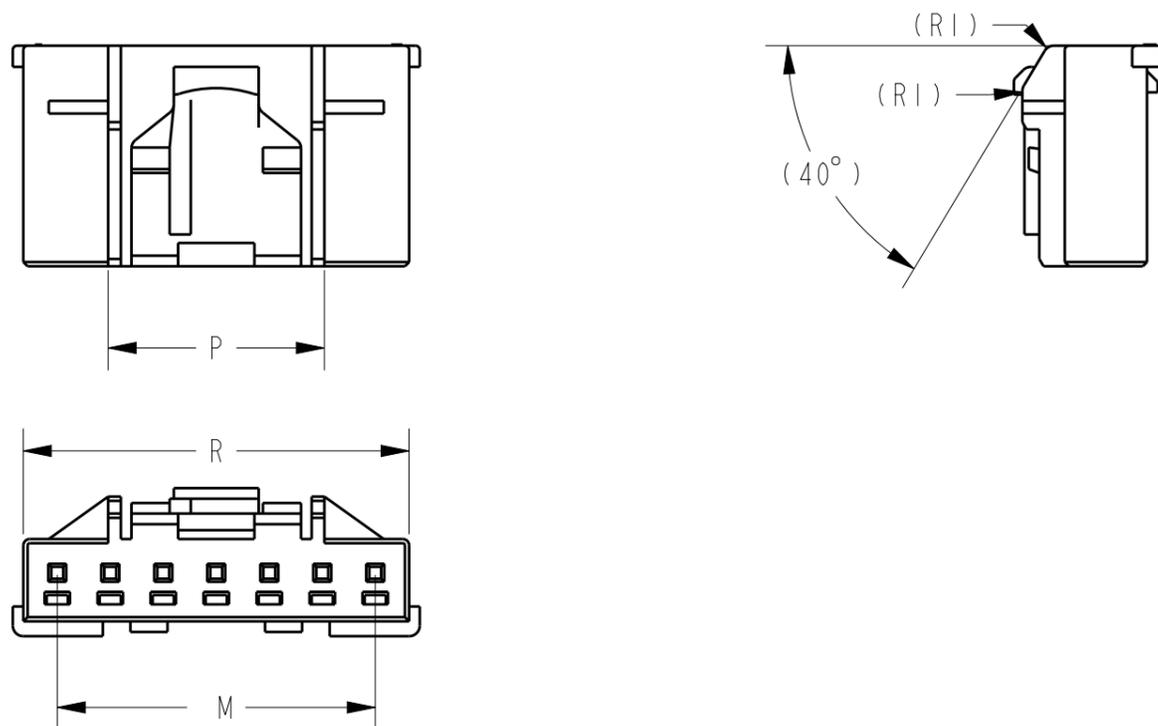
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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	-	-	SEE SHEET 1	-	-	-

7-1971793-1 AS SHOWN FOR P/N IN TABLE 2



Notes:
 1 DIMENSIONS SHOWING IN SHEET 2 ARE ONLY FOR P/N IN TABLE 2
 2 DIMENSIONS NOT SHOWING IN SHEET 2 ARE THE SAME WITH DIMENSIONS IN SHEET 1

TABLE 2							
MATING CONN P/N	COLOR	KEYING	R	M	P	N (POS.)	P/N
8-1971798-X 8-1971800-X	BLACK	D	20.7	17.5	10.2	8	8-1971793-5
	YELLOW	D					8-1971793-4
	RED	C					8-1971793-3
	BLUE	B					8-1971793-2
	NATURAL	A					8-1971793-1
7-1971798-X 7-1971800-X	BLACK	D	18.2	15	10.2	7	7-1971793-5
	YELLOW	D					7-1971793-4
	RED	C					7-1971793-3
	BLUE	B					7-1971793-2
	NATURAL	A					7-1971793-1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ANNIE QIAN 08MAY2015	 TE Connectivity													
DIMENSIONS: mm		CHK ANNIE QIAN 08MAY2015														
TOLERANCES UNLESS OTHERWISE SPECIFIED		APVD DANIEL AHGN 08MAY2015	NAME NEXT GENERATION GRACE INERTIA CONNECTOR 2.5 PLUG HOUSING													
<table border="1"> <tr> <td>0 PLC</td> <td>±</td> </tr> <tr> <td>1 PLC</td> <td>±0.3</td> </tr> <tr> <td>2 PLC</td> <td>±0.13</td> </tr> <tr> <td>3 PLC</td> <td>±0.013</td> </tr> <tr> <td>4 PLC</td> <td>±0.000J</td> </tr> <tr> <td>ANGLES</td> <td>±3</td> </tr> </table>		0 PLC	±	1 PLC	±0.3	2 PLC	±0.13	3 PLC	±0.013	4 PLC	±0.000J	ANGLES	±3	PRODUCT SPEC 108-106077	SIZE A3	
0 PLC	±															
1 PLC	±0.3															
2 PLC	±0.13															
3 PLC	±0.013															
4 PLC	±0.000J															
ANGLES	±3															
MATERIAL -		APPLICATION SPEC 114-106077	CAGE CODE -	DRAWING NO C-1971793												
FINISH -		WEIGHT -	RESTRICTED TO -													
CUSTOMER DRAWING			SCALE N/A	SHEET 2 OF 3 REV G												

4

3

2

1

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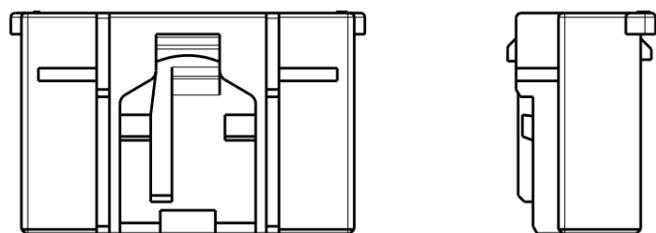
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DIST -

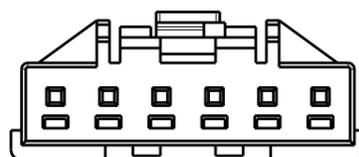
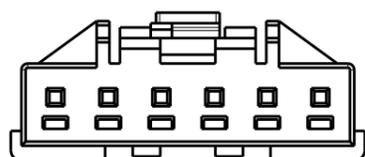
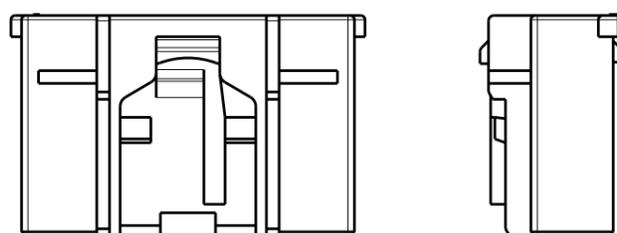
REVISIONS

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

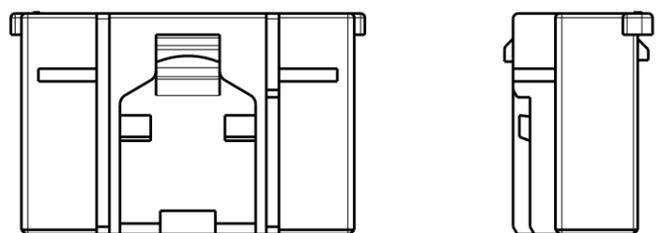
KEY A



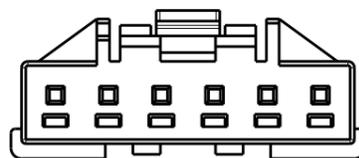
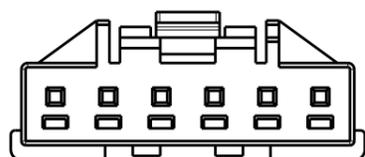
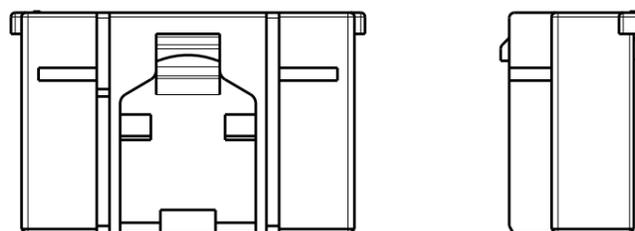
KEY B



KEY C



KEY D

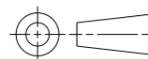


KEY TYPE 6-1971793-1 AS SHOWN

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DIMENSIONS:

mm



TOLERANCES UNLESS OTHERWISE SPECIFIED

- 0 PLC ±0.3
- 1 PLC ±0.3
- 2 PLC ±0.13
- 3 PLC ±0.013
- 4 PLC ±0.0001
- ANGLES ±3

MATERIAL -

FINISH -

DWN 15MAY2015

ANNIE QIAN

CHK 15MAY2015

ANNIE QIAN

APVD 15MAY2015

DANIEL ZHANG

PRODUCT SPEC

108-106077

APPLICATION SPEC

114-106077

WEIGHT -

CUSTOMER DRAWING



TE Connectivity

NAME
 NEXT GENERATION
 GRACE INERTIA CONNECTOR 2.5
 PLUG HOUSING

SIZE A3 CAGE CODE - DRAWING NO. C-1971793 RESTRICTED TO -

SCALE N/A SHEET 3 OF 3 REV G

Mouser Electronics

Authorized Distributor

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