

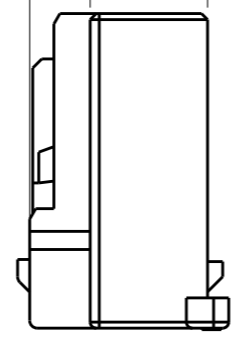
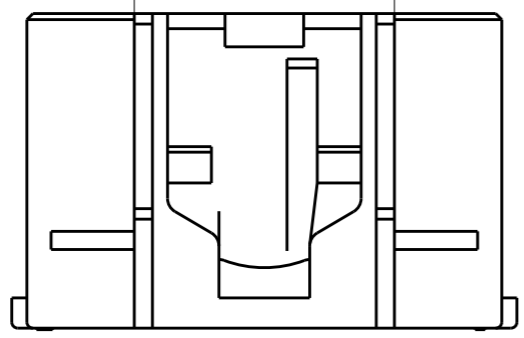
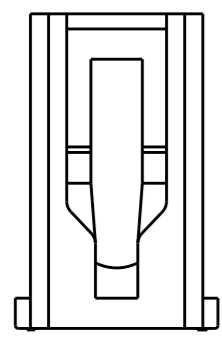
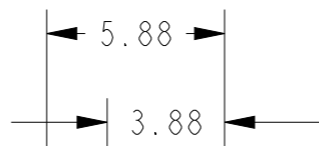
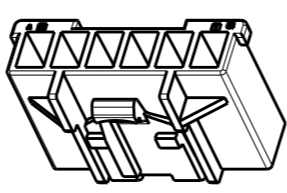
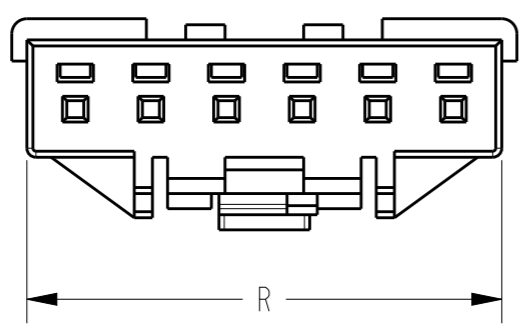
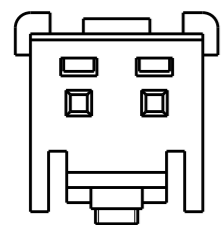
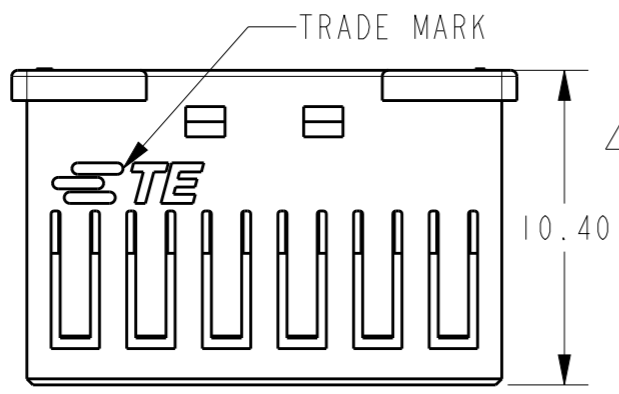
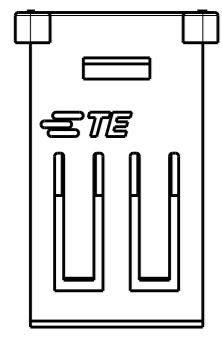
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION  
 © COPYRIGHT - BY - TE CONNECTIVITY ALL RIGHTS RESERVED.

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	
	GI	ECR-17-017050			23NOV2017	C.X	D.Z	

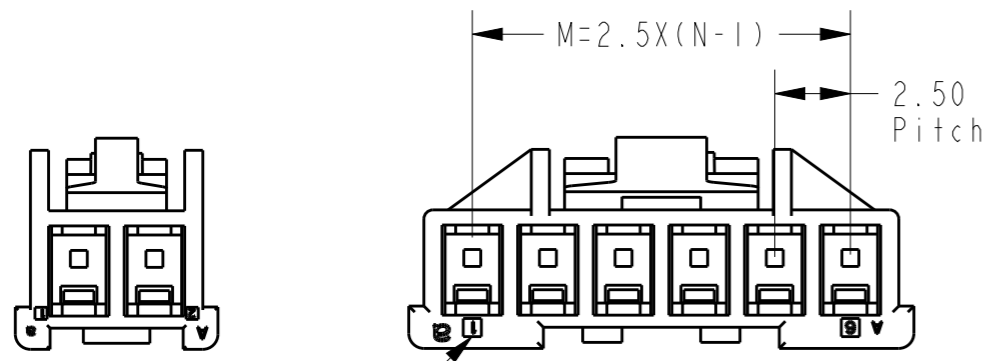
(2 POS.)

(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		TABLE 1	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	NATURAL	NA	15.7	12.5	8.6	6	6-1971793-6
	BLACK	D					6-1971793-5
	YELLOW	D					6-1971793-4
	RED	C					6-1971793-3
	BLUE	B					6-1971793-2
	NATURAL	A					6-1971793-1
5-1971798-X 5-1971800-X	BLACK	D	13.2	10	8.6	5	5-1971793-5
	YELLOW	D					5-1971793-4
	RED	C					5-1971793-3
	BLUE	B					5-1971793-2
	NATURAL	A					5-1971793-1
	BLACK	D					4-1971793-5
4-1971798-X 4-1971800-X	YELLOW	D	10.7	7.5	7.4	4	4-1971793-4
	RED	C					4-1971793-3
	BLUE	B					4-1971793-2
	NATURAL	A					4-1971793-1
	BLACK	D					3-1971793-5
	YELLOW	D					3-1971793-4
3-1971798-X 3-1971800-X	RED	C	8.2	5	6.2	3	3-1971793-3
	BLUE	B					3-1971793-2
	NATURAL	A					3-1971793-1
	BLACK	D					2-1971793-5
	YELLOW	D					2-1971793-4
	RED	C					2-1971793-3
2-1971798-X 2-1971800-X	BLUE	B	5.7	2.5	5.7	2	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 $\pm 0.3$ 1 PLC $\pm 0.3$ 2 PLC $\pm 0.13$ 3 PLC $\pm 0.013$ 4 PLC $\pm 0.000J$ ANGLES $\pm 3$		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 5:1
			SHEET 1 OF 3	REV GI

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

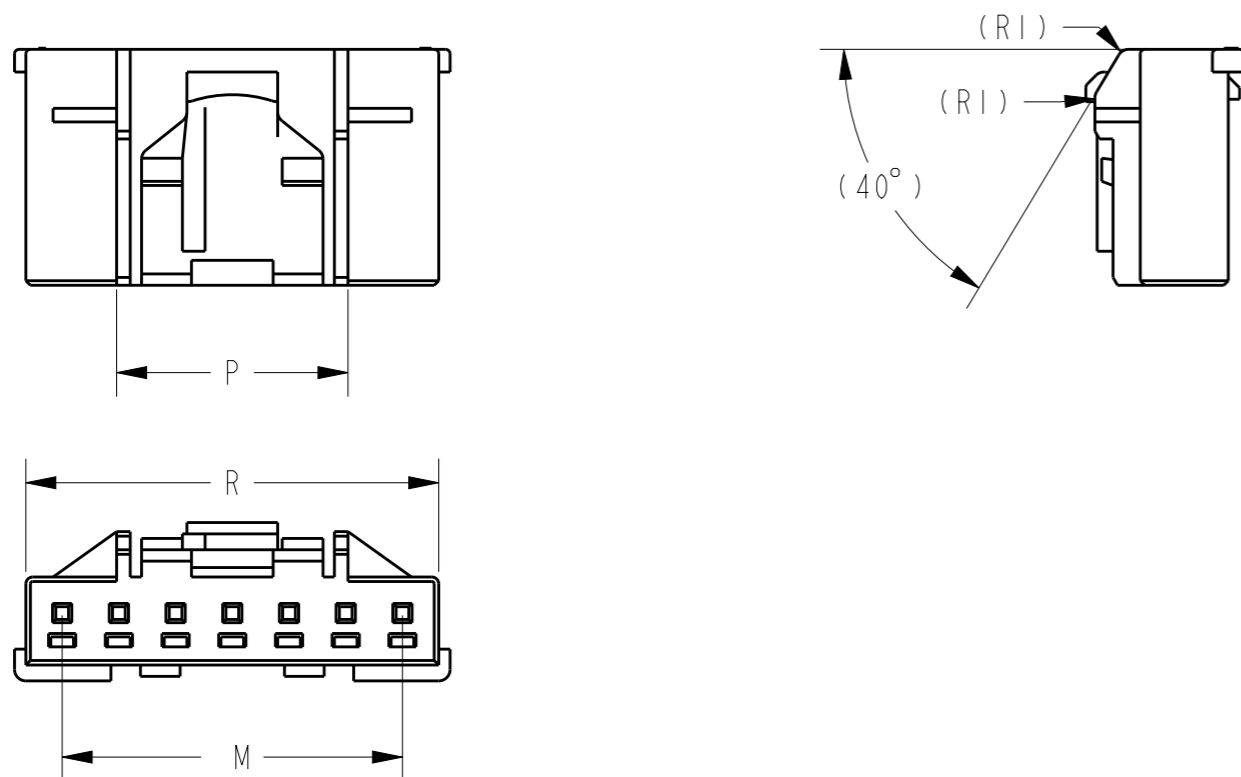
20

© COPYRIGHT 20 BY -

ALL RIGHTS RESERVED.


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	
0 PLC ±.3 1 PLC ±.3 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.000J ANGLES ±3		PRODUCT SPEC 108-106077	SIZE A3	CAGE CODE -
MATERIAL -		FINISH -	APPLICATION SPEC 114-106077	DRAWING NO C-1971793
		WEIGHT -	RESTRICTED TO -	
		CUSTOMER DRAWING	SCALE 5:1	SHEET 2 OF 3
			REV G1	

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

20

© COPYRIGHT 20 BY -

ALL RIGHTS RESERVED.

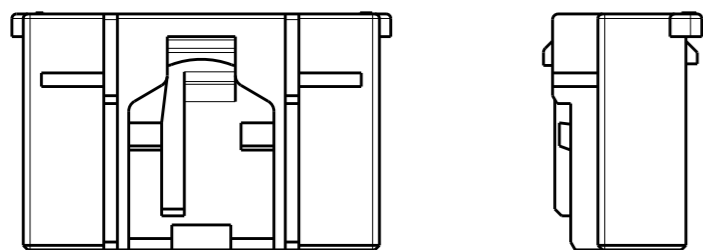
LOC -

DIST -

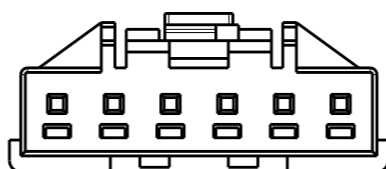
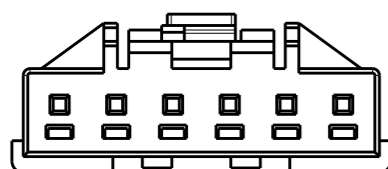
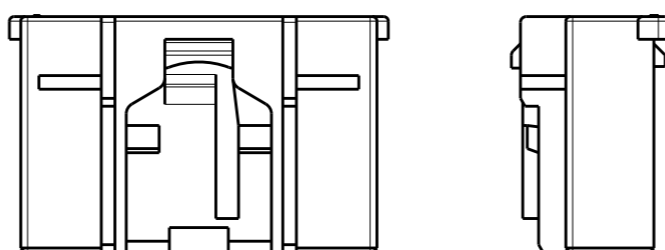
REVISIONS

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

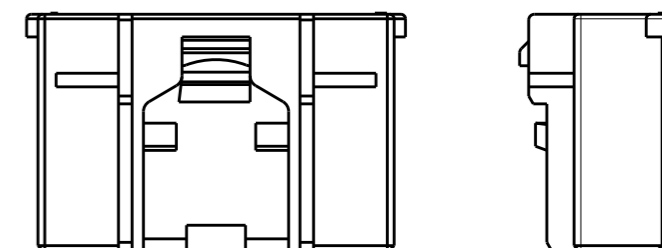
KEY A



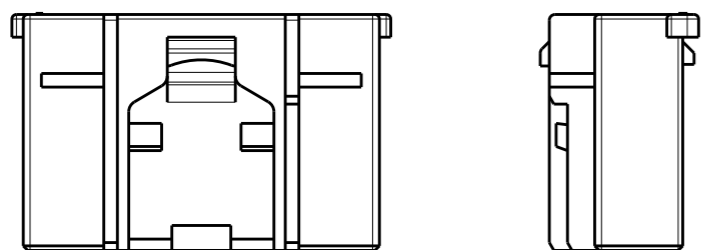
KEY B



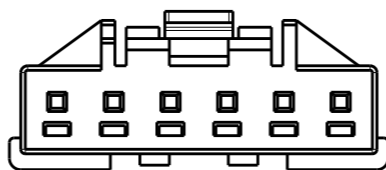
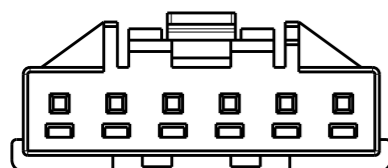
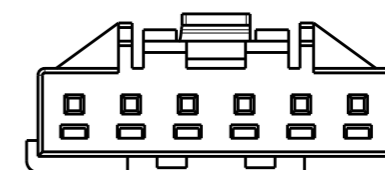
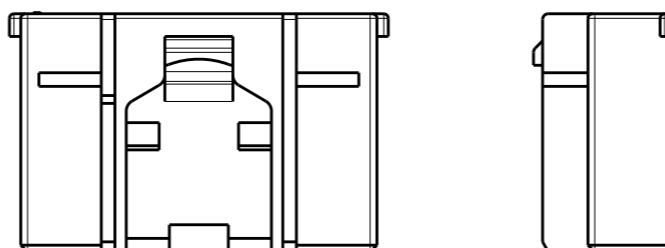
FOR 6-1971793-6 NO KEY



KEY C



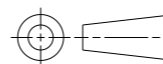
KEY D



KEY TYPE 6-1971793-1 AS SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.

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. ©-1971793 RESTRICTED TO -

SCALE 5:1 SHEET 3 OF 3 REV G1

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[5-1971793-2](#)