

4

3

2

1

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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
	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)

TRADE MARK

10.40

R

P

5.88

3.88

M=2.5X(N-1)

2.50 Pitch

CIRCUIT NO. 1

TABLE I

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	NATURAL BLACK YELLOW RED BLUE NATURAL	NA D D C B A	15.7	12.5	8.6	6	6-1971793-6 6-1971793-5 6-1971793-4 6-1971793-3 6-1971793-2 6-1971793-1
5-1971798-X 5-1971800-X	BLACK YELLOW RED BLUE NATURAL	D D C B A	13.2	10	8.6	5	5-1971793-5 5-1971793-4 5-1971793-3 5-1971793-2 5-1971793-1
4-1971798-X 4-1971800-X	BLACK YELLOW RED BLUE NATURAL	D D C B A	10.7	7.5	7.4	4	4-1971793-5 4-1971793-4 4-1971793-3 4-1971793-2 4-1971793-1
3-1971798-X 3-1971800-X	BLACK YELLOW RED BLUE NATURAL	D D C B A	8.2	5	6.2	3	3-1971793-5 3-1971793-4 3-1971793-3 3-1971793-2 3-1971793-1
2-1971798-X 2-1971800-X	BLACK YELLOW RED BLUE NATURAL	D D C B A	5.7	2.5	5.7	2	2-1971793-5 2-1971793-4 2-1971793-3 2-1971793-2 2-1971793-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± 0.3

1 PLC ± 0.13

2 PLC ± 0.13

3 PLC ± 0.013

4 PLC ± 0.000

ANGLES $\pm 3^\circ$

FINISH -

DWN HJ.Z 28MAY2013

CHK HJ.Z 28MAY2013

APVD YH.M 28MAY2013

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 -

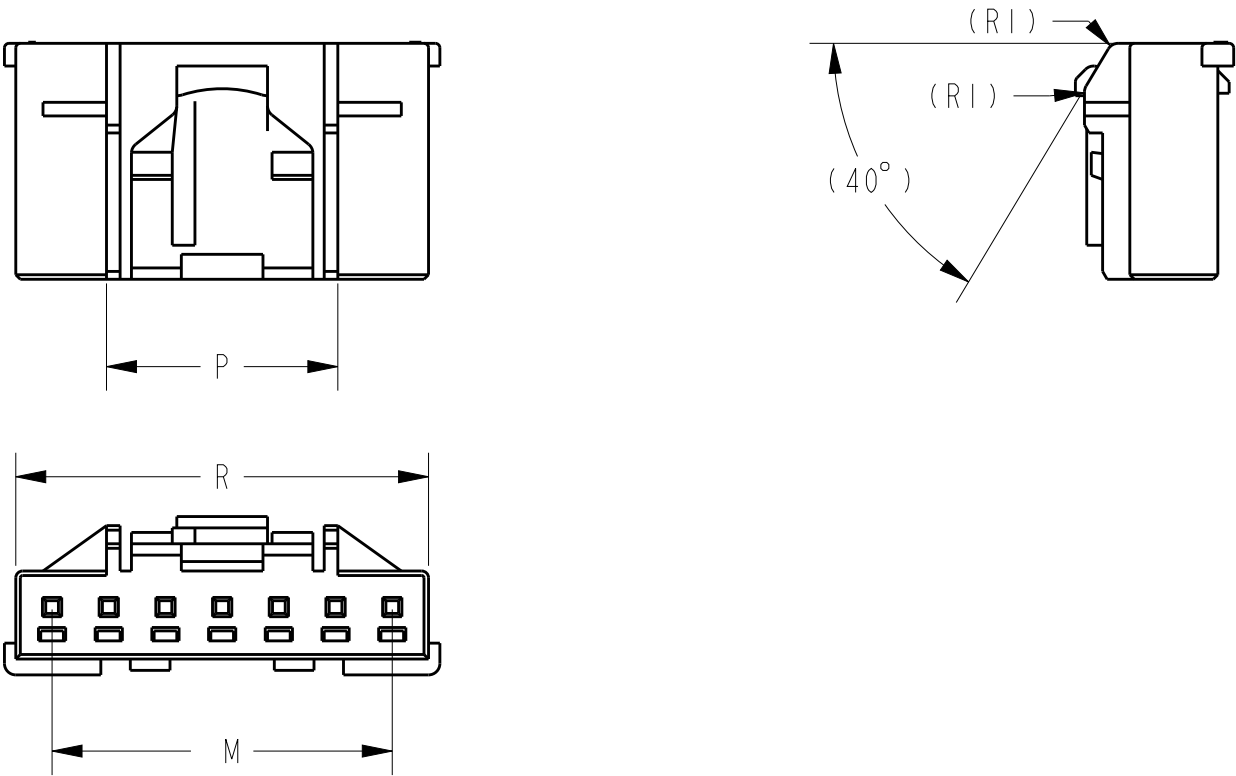
SCALE 5:1

SHEET 1 OF 3

REV GI

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							
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
MATING CONN P/N	COLOR	KEYING	R	M	P	N(POS.)	P/N

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL

-

FINISH

-

DWN
ANNIE QIAN
08MAY2015

CHK
ANNIE QIAN
08MAY2015

APVD
DANIEL AHGN
08MAY2015

PRODUCT SPEC
108-106077

APPLICATION SPEC
114-106077

WEIGHT
-

CUSTOMER DRAWING

SCALE
5:1

SHEET
2

OF
3

REV
G1

TE Connectivity

NAME
NEXT GENERATION
GRACE INERTIA CONNECTOR 2.5
PLUG HOUSING

SIZE
A3

CAGE CODE
-

DRAWING NO
C-1971793

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-

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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

-

SEE SHEET 1

-

-

-

KEY A

KEY B

FOR 6-1971793-6 NO KEY

KEY C

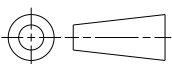
KEY D

KEY TYPE 6-1971793-1 AS SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm



TOLERANCES UNLESS OTHERWISE SPECIFIED

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

MATERIAL

-

FINISH

-

DWN

ANNIE QIAN

15MAY2015

CHK

ANNIE QIAN

15MAY2015

APVD

DANIEL ZHANG

15MAY2015

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:](#)

[3-1971793-4](#)