

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

20

© COPYRIGHT 2018

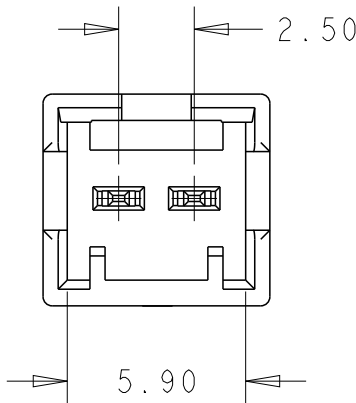
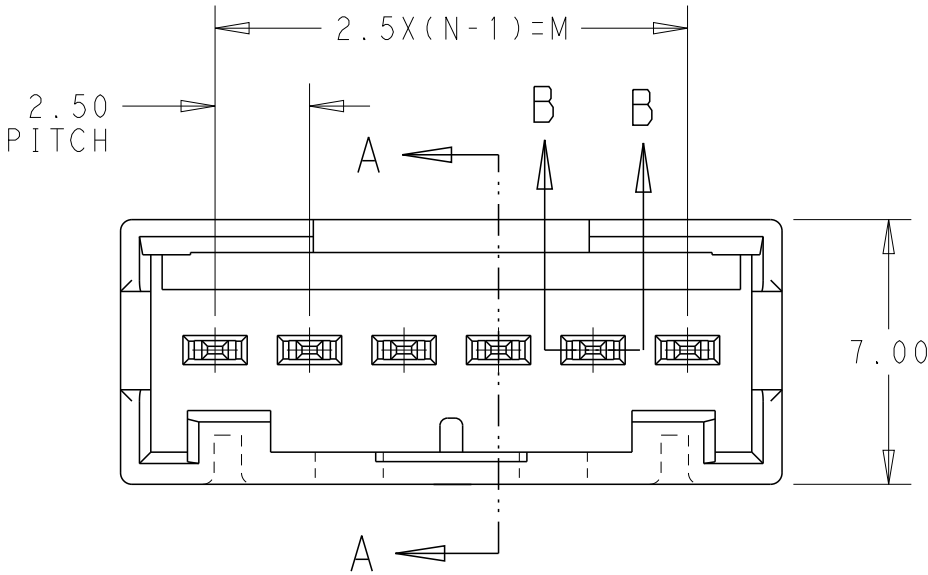
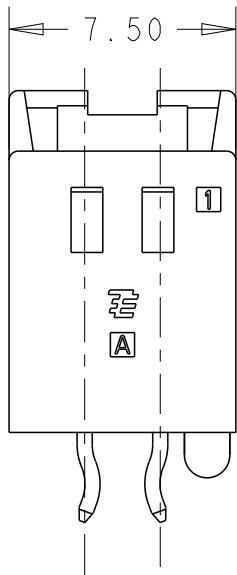
BY - TE CONNECTIVITY

ALL RIGHTS RESERVED.

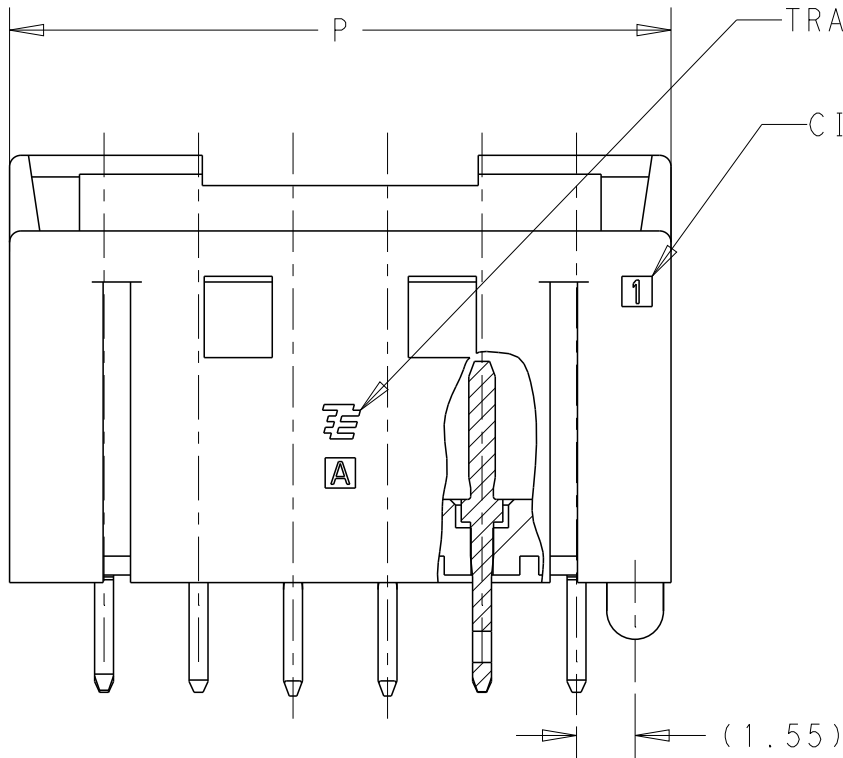
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	J	REVISED PER ECR-18-009764	25SEP2018	BW	CX
	K	REVISED PER ECR-24-230684	31OCT2025	CKN	XC

- 1 GENERAL TOLERANCE: ± 0.3 , $\pm 3^\circ$
- 2 MATERIAL: 66NYLON GF (UL94V-0)
- 3 MATING CONN. P/N: SEE TABLE
- 4 APPLICABLE PCB HOLE DIA: $\varnothing A$
PUNCHED HOLE: $0.7^{+0.1}_{-0}$
DRILLED HOLE: 0.9 ± 0.05

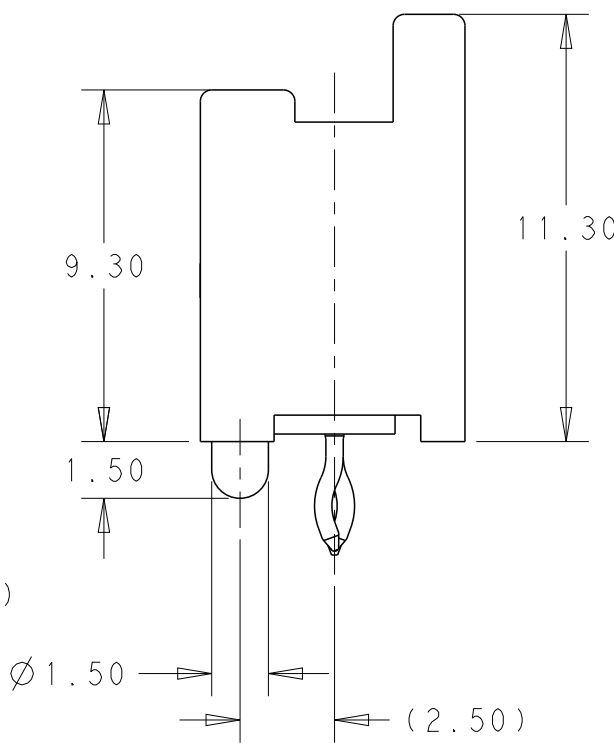
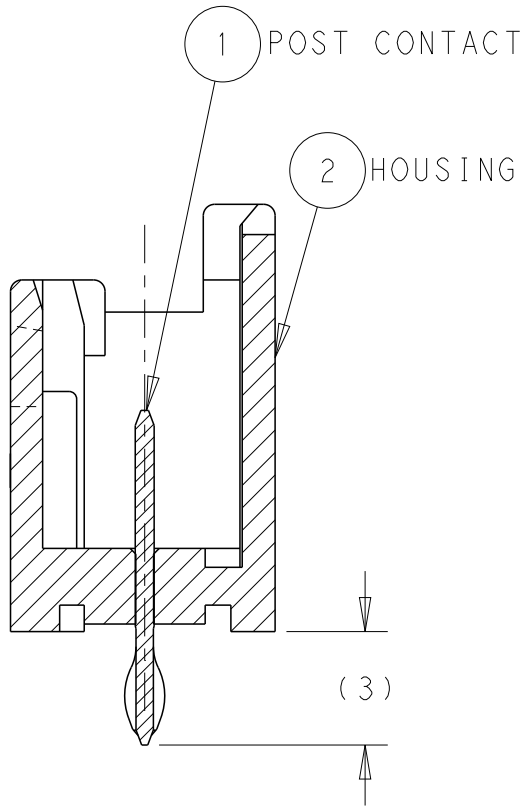


2 POS



6 POS

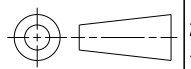
SECTION B-B



SECTION A-A

FOR PART NO. SEE SHEET 3 OF 4, 4 OF 4

1	POST CONTACT	BRASS, FINISH: TIN, OVER NI
2	HDR HOUSING	66 NYLON GF UL94V-0
NO.	NAME	MATERIAL

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN LILY LIU 29JAN08	 TE Connectivity		
DIMENSIONS: mm		CHK A. OISHI 29JAN08			
		APVD S. MANABE 29JAN08			
		PRODUCT SPEC 108-78307			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC 114-5359	NAME GRACE INERTIA CONNECTOR 2.5 HDR ASSY TIN VERSION		
MATERIAL SEE NOTE		WEIGHT -	SIZE A3	CAGE CODE 00779	DRAWING NO 1871843
FINISH -		CUSTOMER DRAWING	SCALE 5:1	SHEET 1 OF 4	REV K

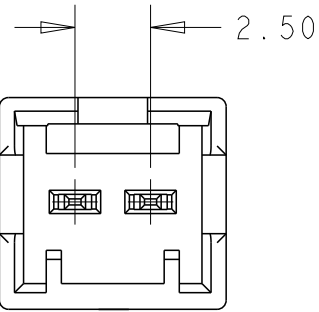
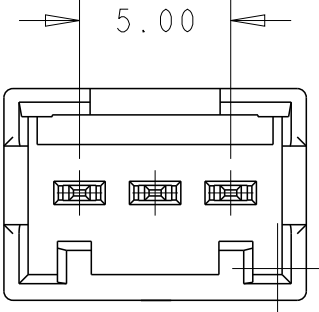
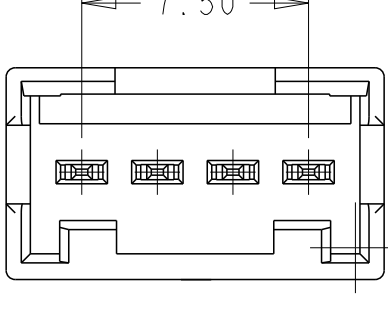
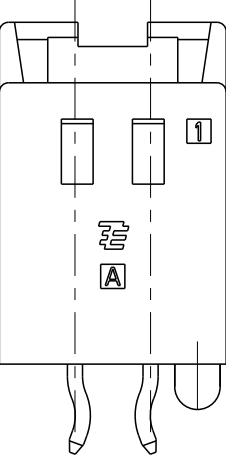
4

3

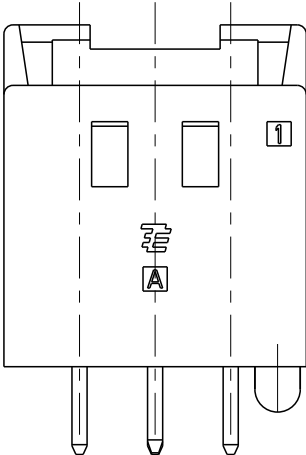
2

1

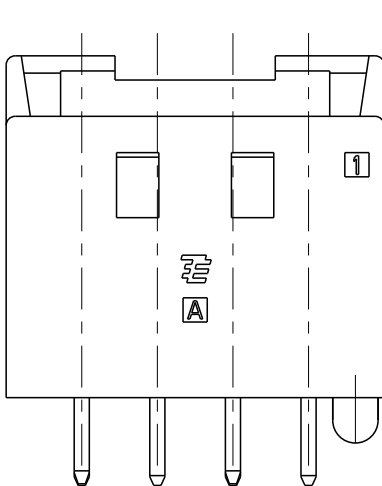
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



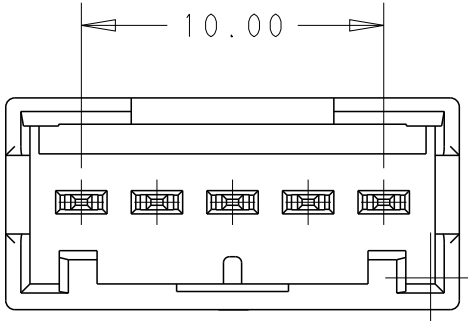
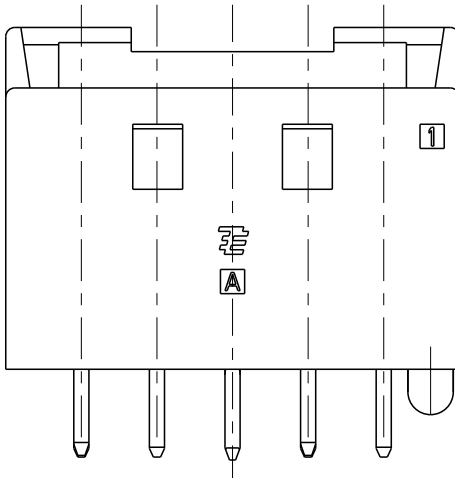
2 POS



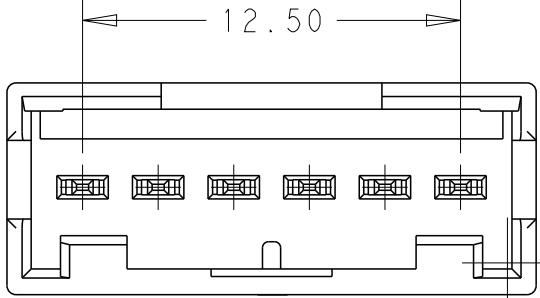
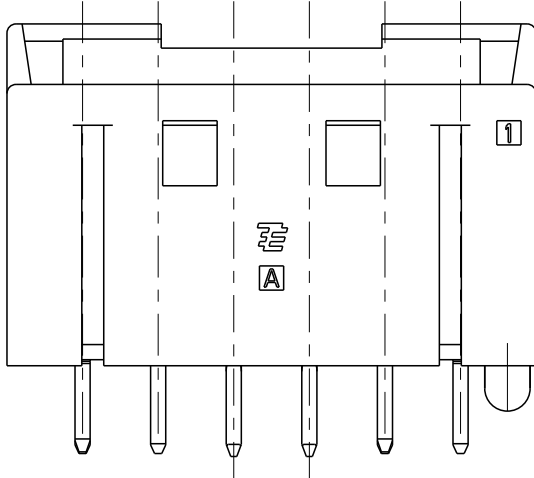
3 POS



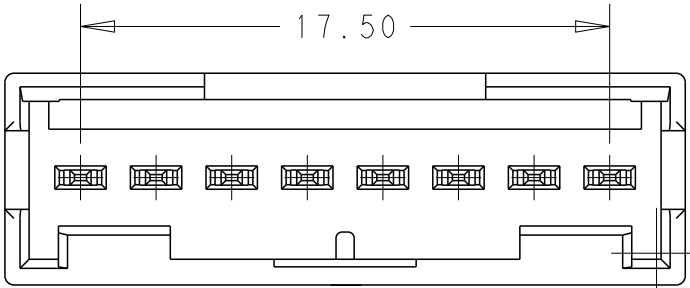
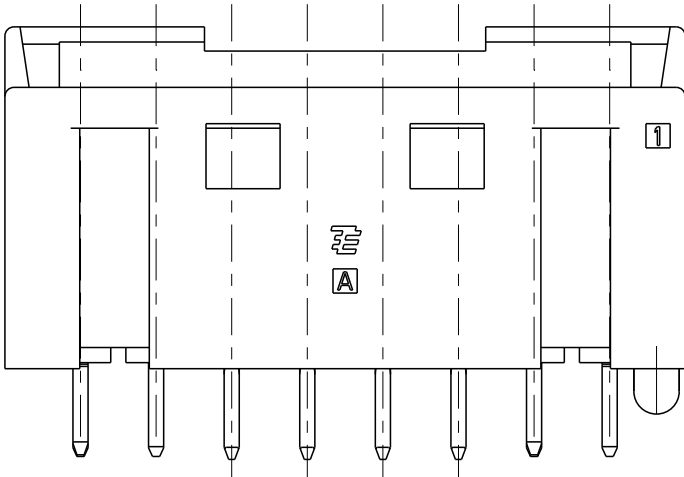
4 POS



5 POS



6 POS



8 POS

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL
SEE NOTE

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±-

1 PLC ±-

2 PLC ±-

3 PLC ±-

4 PLC ±-

ANGLES ±-

FINISH -

FINISH -

DWN LILY LIU 29JAN08

CHK A. OISHI 29JAN08

APVD S. MANABE 29JAN08

PRODUCT SPEC 108-78307

APPLICATION SPEC 114-5359

WEIGHT -

CUSTOMER DRAWING

NAME GRACE INERTIA CONNECTOR 2.5 HDR ASSY TIN VERSION

SIZE A3

CAGE CODE 00779

DRAWING NO C-1871843

RESTRICTED TO -

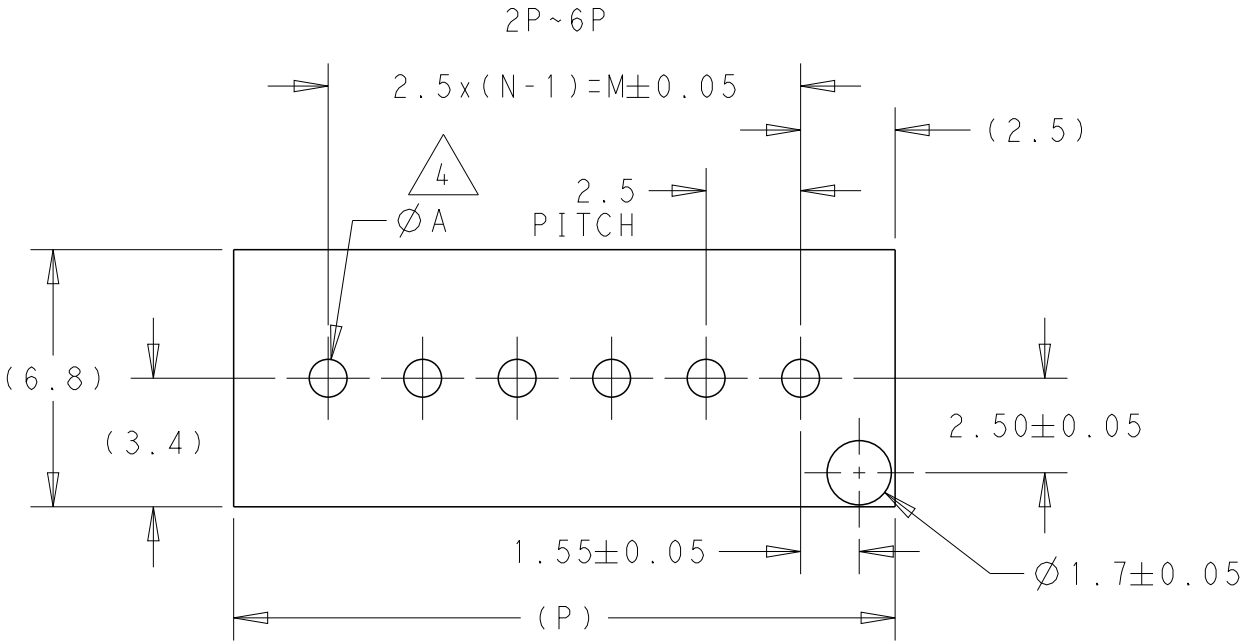
SCALE 5:1

SHEET 2 OF 4

REV K

TE Connectivity

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



X-1747066-6			*	*	*	*	*	*	6	12.5	6	17.5	WITH	BLUE	6	2.50	2-1871843-6
			*	*	*	*	*	*	6	12.5	6	17.5	WITH	RED	6	2.50	1-1871843-6
			*	*	*	*	*	*	6	12.5	6	17.5	WITH	NATURAL	6	2.50	1871843-6
X-1747066-5				*	*	*	*	*	5	10	5	15.0	WITH	YELLOW	5	2.50	3-1871843-5
				*	*	*	*	*	5	10	5	15.0	WITH	BLUE	5	2.50	2-1871843-5
				*	*	*	*	*	5	10	5	15.0	WITH	RED	5	2.50	1-1871843-5
				*	*	*	*	*	5	10	5	15.0	WITH	NATURAL	5	2.50	1871843-5
X-1747066-4					*	*	*	*	4	7.5	4	12.5	WITH	NATURAL	4	2.50	1871843-4
X-1747066-3						*	*	*	3	5	3	10.0	WITH	YELLOW	3	2.50	3-1871843-3
						*	*	*	3	5	3	10.0	WITH	BLUE	3	2.50	2-1871843-3
						*	*	*	3	5	3	10.0	WITH	RED	3	2.50	1-1871843-3
						*	*	*	3	5	3	10.0	WITH	NATURAL	3	2.50	1871843-3
X-1747066-2							*	*	2	2.5	2	7.5	WITH	BLACK	2	2.50	4-1871843-2
							*	*	2	2.5	2	7.5	WITH	YELLOW	2	2.50	3-1871843-2
							*	*	2	2.5	2	7.5	WITH	BLUE	2	2.50	2-1871843-2
							*	*	2	2.5	2	7.5	WITH	RED	2	2.50	1-1871843-2
							*	*	2	2.5	2	7.5	WITH	NATURAL	2	2.50	1871843-2
MATING CONN P/N	8	7	6	5	4	3	2	1	HOUSING POS	M	N	P	BOSS	COLOR	POS	PITCH	PART NUMBER
	CIRCUIT NO.																

POST CONATCT POSITION
*: POST CONATCT,
-: VACANCY

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL
SEE NOTE
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±-

1 PLC ±-

2 PLC ±-

3 PLC ±-

4 PLC ±-

ANGLES ±-

FINISH -

-

DWN LILY LIU 29JAN08

CHK A. OISHI 29JAN08

APVD S. MANABE 29JAN08

PRODUCT SPEC 108-78307

APPLICATION SPEC 114-5359

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME GRACE INERTIA CONNECTOR 2.5 HDR ASSY
TIN VERSION -

SIZE A3

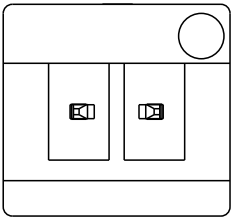
CAGE CODE 00779

DRAWING NO C-1871843

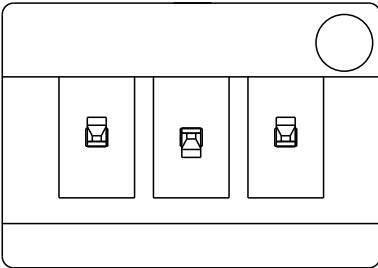
RESTRICTED TO -

SCALE 5:1 SHEET 3 OF 4 REV K

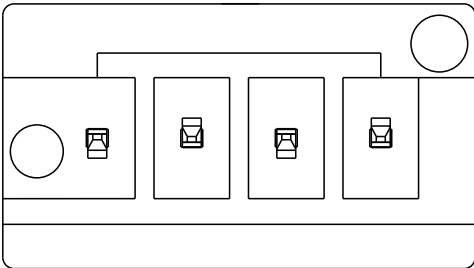
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



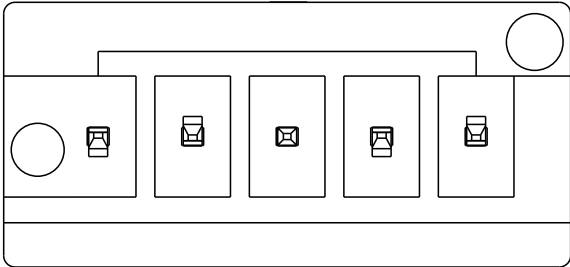
2POS



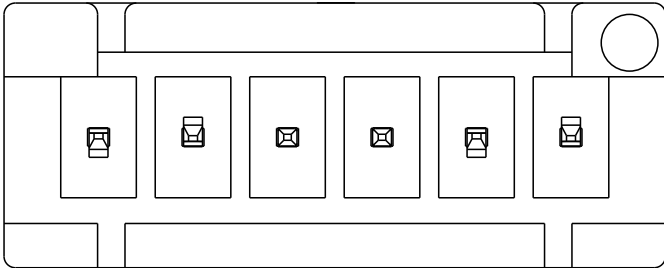
3POS



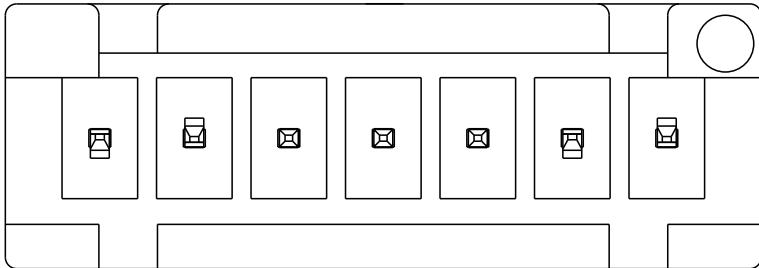
4POS



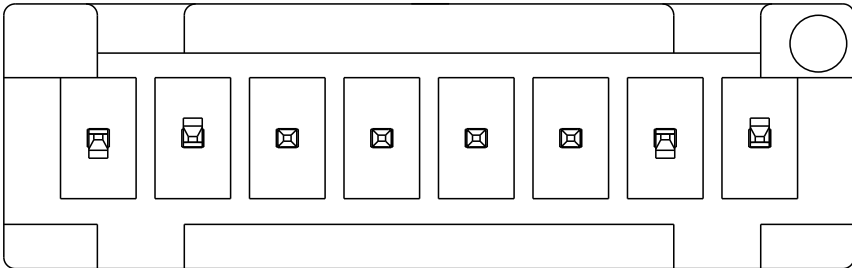
5POS



6POS



7POS



8POS

X-1747066-6			*	*	-	*	-	*	6	12.5	6	17.5	WITH	NATURAL	4	2.5/5.0	2069625-1
X-1747066-4					*	-	-	*	4	7.5	4	12.5	WITH	NATURAL	4	2.50	2134303-1
X-1747066-3						*	-	*	3	5.0	3	10.0	WITH	NATURAL	2	5.00	2013523-1
X-1747066-8	*	*	*	*	*	*	*	*	8	17.5	8	22.5	WITH	YELLOW	8	2.50	3-1871843-8
	*	*	*	*	*	*	*	*	8	17.5	8	22.5	WITH	BLUE	8	2.50	2-1871843-8
	*	*	*	*	*	*	*	*	8	17.5	8	22.5	WITH	RED	8	2.50	1-1871843-8
	*	*	*	*	*	*	*	*	8	17.5	8	22.5	WITH	NATURAL	8	2.50	1871843-8
MATING CONN P/N	8	7	6	5	4	3	2	1	HOUSING POS	M	N	P	BOSS	COLOR	POS	PITCH	PART NUMBER
	CIRCUIT NO.																

POST CONATCT POSITION
*: POST CONATCT,
-: VACANCY

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL
SEE NOTE
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±-

1 PLC ±-

2 PLC ±-

3 PLC ±-

4 PLC ±-

ANGLES ±-

FINISH -

DWN LILY LIU 29JAN08

CHK A. OISHI 29JAN08

APVD S. MANABE 29JAN08

PRODUCT SPEC 108-78307

APPLICATION SPEC 114-5359

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME GRACE INERTIA CONNECTOR 2.5 HDR ASSY TIN VERSION -

SIZE A3

CAGE CODE 00779

DRAWING NO C-1871843

RESTRICTED TO -

SCALE 5:1 SHEET 4 OF 4 REV K

1470-19 (3/13)