

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	B2	REVISED PER ECR-18-011580	24JUL2018	BKW	GJ
	B3	REVISED PER ECR-19-009496	17JUN2019	BKW	GJ
	B4	REVISED PER ECR-19-009923	03JUL2019	BKW	DS
	C	REVISED PER ECR-19-014974	30OCT2019	PC	DS

D

C

B

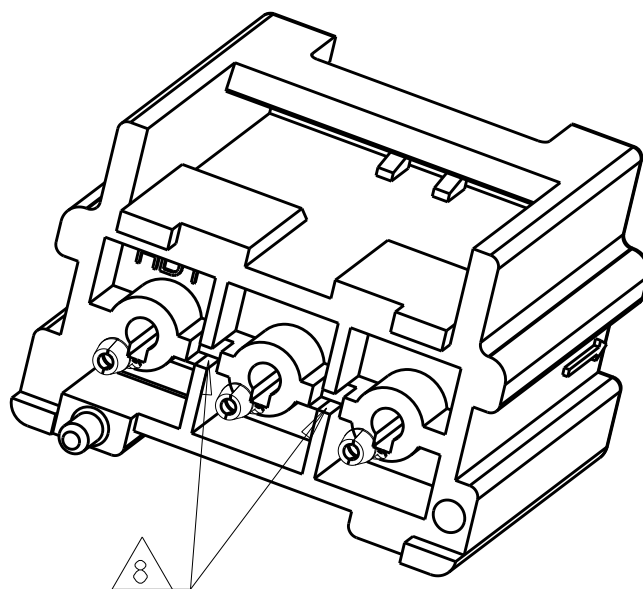
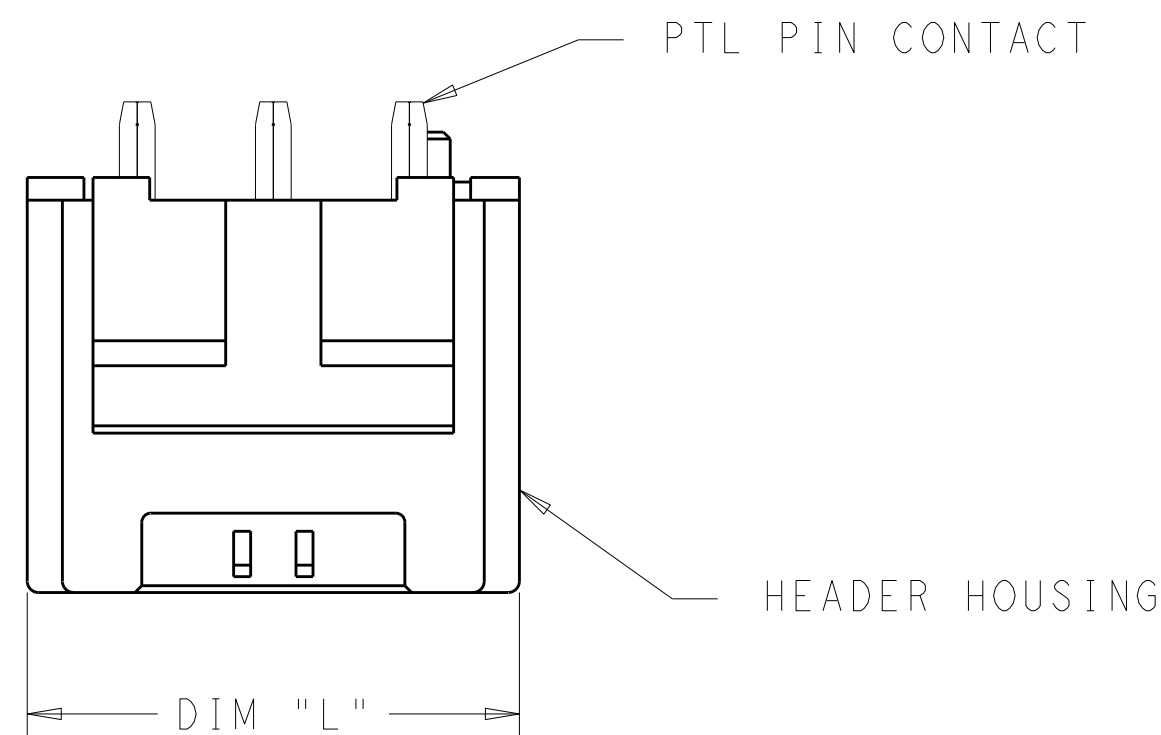
A

D

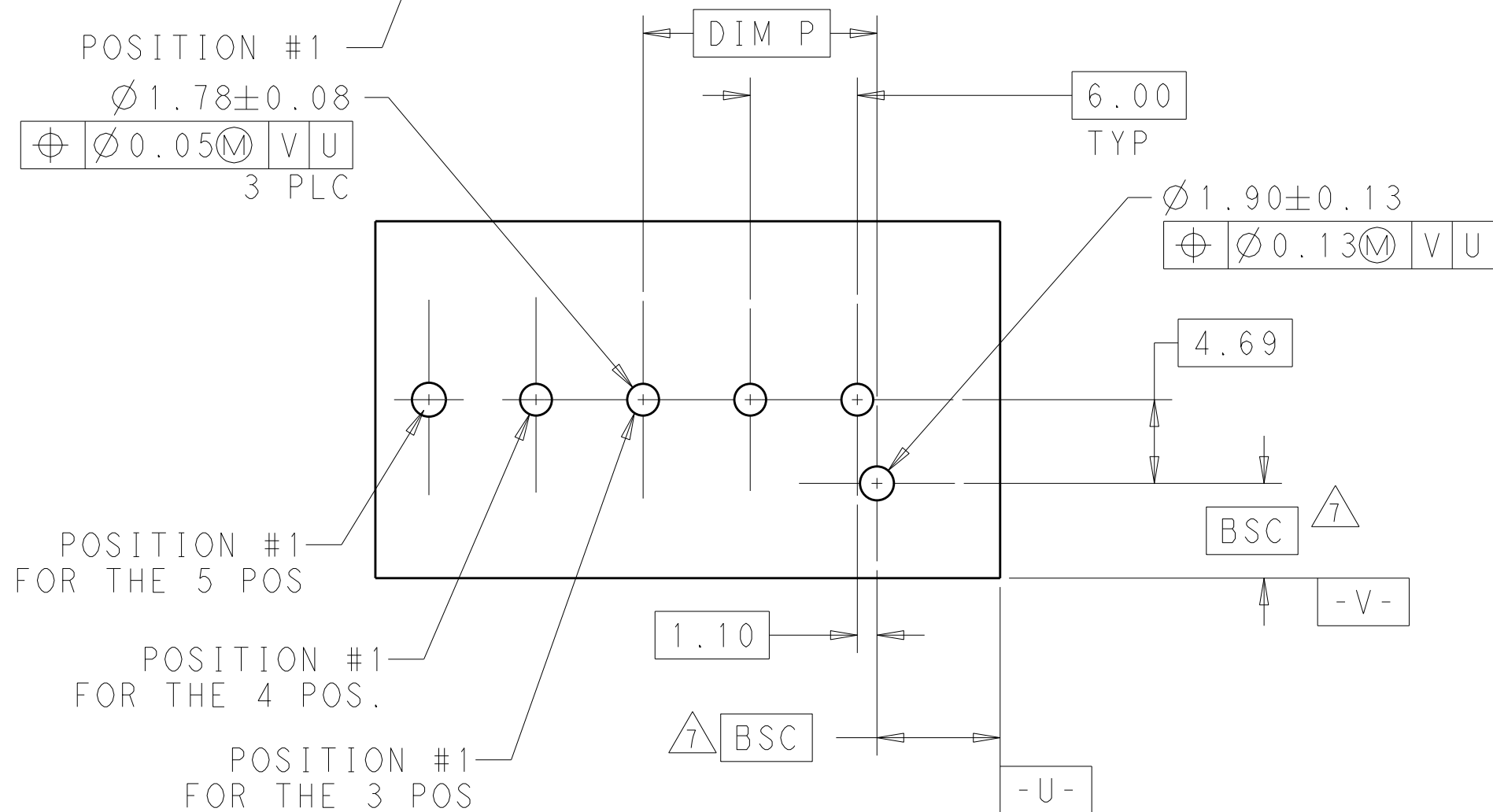
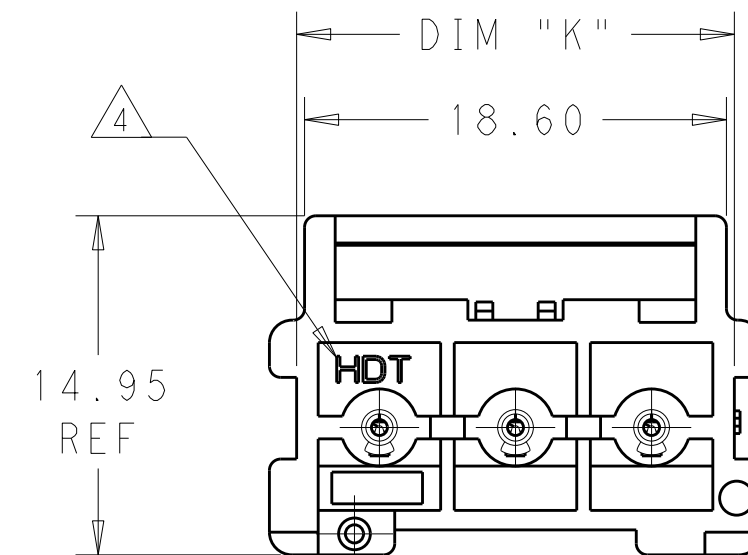
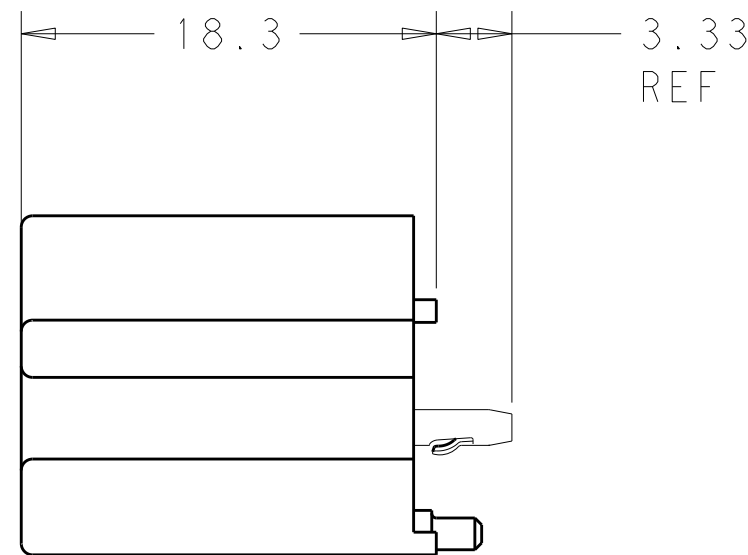
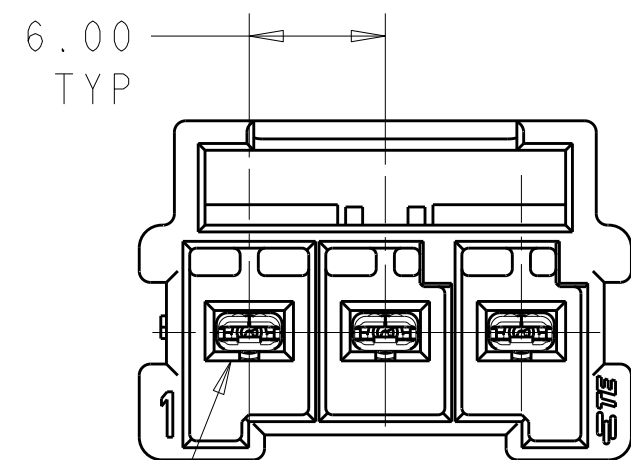
C

B

A




- REFER TO TABLE ON SHEET 3 FOR RECOMMENDED MATING PLUG.
- CAN BE SECURED TO THE PLUG WITH OPTIONAL CPA P/N 1971789-1.
- FLAMMABILITY RATED PER UL 94 V-0.
- LEVEL INDICATOR: PBT = STANDARD TEMP/105°C PBT GLASS FILLED
HDT = HIGH TEMP 150°C NYLON PA66 UNFILLED
- PARTS COMPLY WITH SOLDERABILITY SPEC TEC-109-11-11-1.
- THIS PRODUCT HAS NOT COMPLETED VALIDATION TESTING.
- DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.
- FEATURE MAY NOT BE PRESENT ON HIGH TEMP VERSIONS
- GLOW WIRE COMPLIANT IN ACCORDANCE WITH IEC 60335-1. THIS IS BASED ON THE PRODUCT MEETING A GWEPT 850°C TEST AND RESIN GWIT GREATER THAN OR EQUAL TO 775°C .

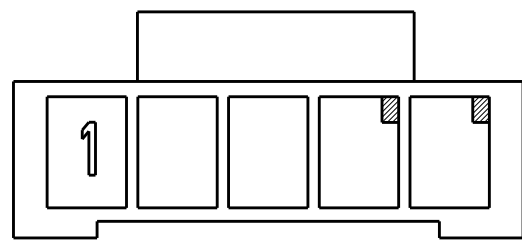
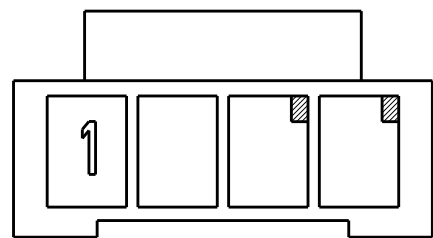
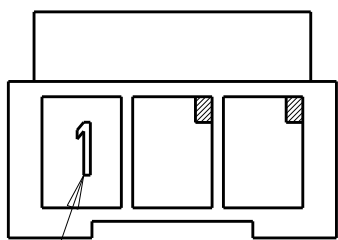
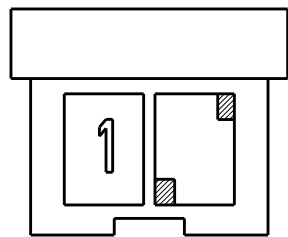
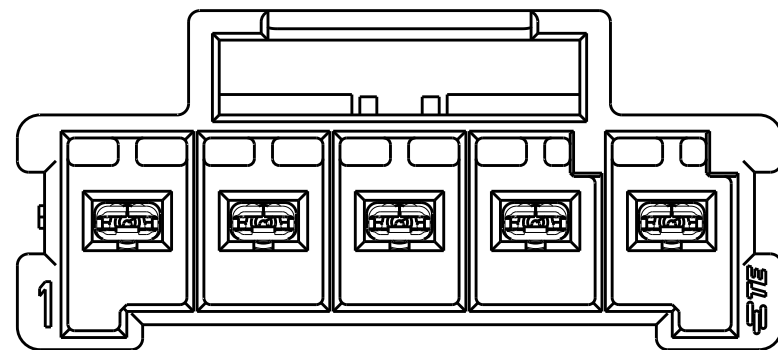
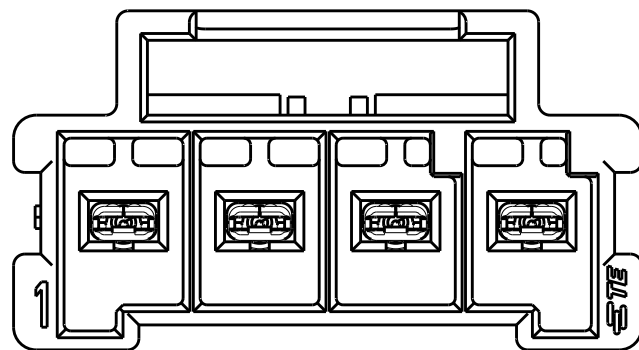
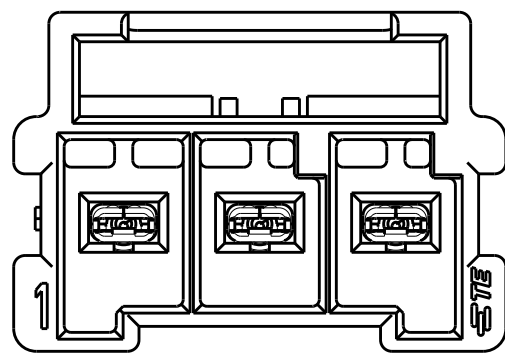
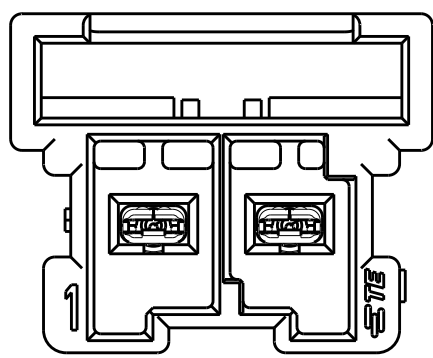
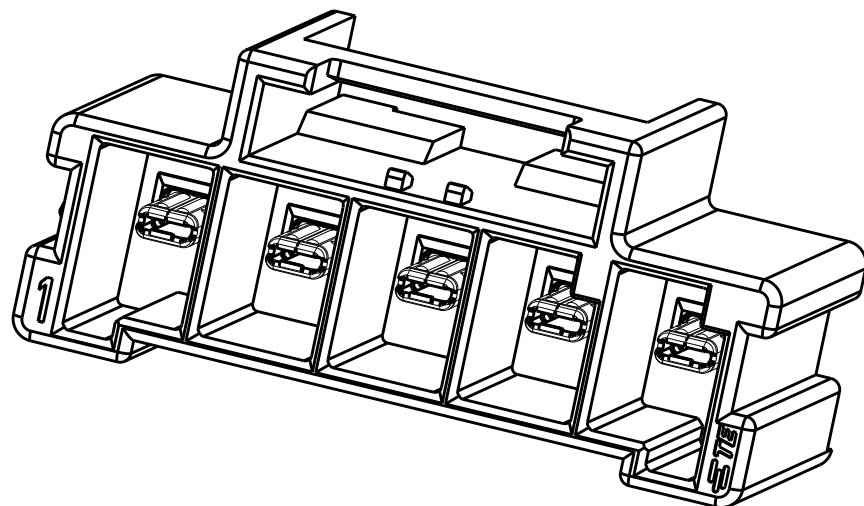
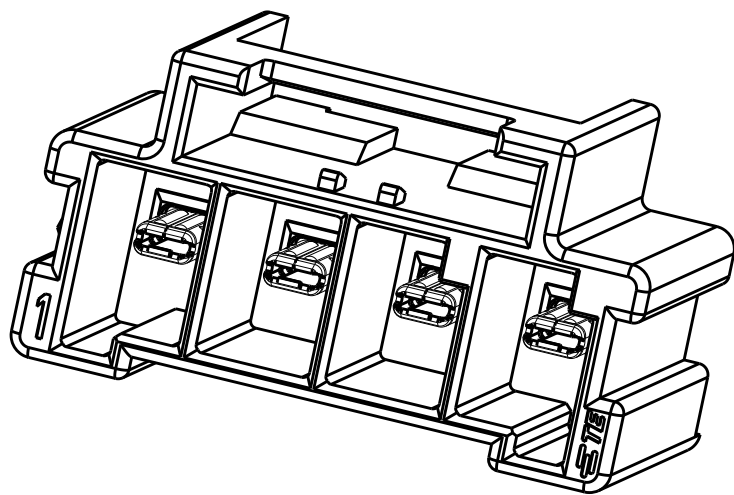
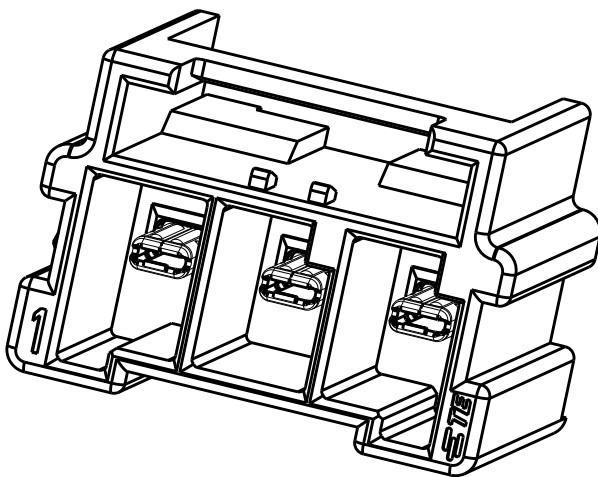
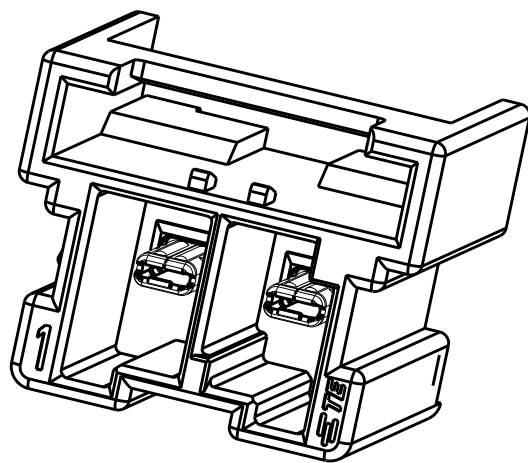


SCALE 3:1
RECOMMENDED PCB LAYOUT
WITH A 1.58 THK BOARD

SEE SHEET 3 FOR PART NUMBER TABLE

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JR RUTH 05JUN14	 TE Connectivity			
		CHK DOMINIC FAROLE 05JUN14				
		APVD GENE JACONO 05JUN14				
		PRODUCT SPEC 108-32090				
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME ASSEMBLY, HEADER, POWER TRIPLE LOCK, PC BOARD			
		0 PLC ±	SIZE A2			
		1 PLC ±0.3	CAGE CODE -			
		2 PLC ±0.25	DRAWING NO C-1969688			
		3 PLC ±	RESTRICTED TO -			
		4 PLC ±	SCALE 3:1			
MATERIAL SEE TABLE		ANGLES ±	SHEET 1 OF 3			
		FINISH PRE-TIN	REV C			
		WEIGHT -				
		Customer Drawing				

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

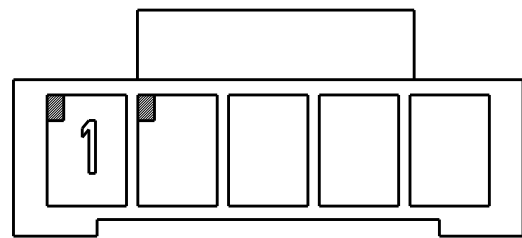
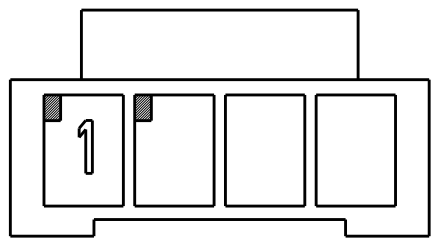
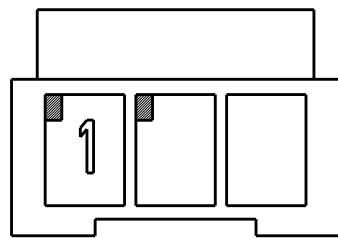
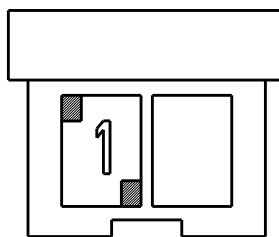


KEY A
SCALE 2:1

POSITION # KEY A
SCALE 2:1

KEY A
SCALE 2:1

KEY A
SCALE 2:1


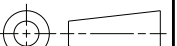


KEY B
SCALE 2:1

KEY B
SCALE 2:1

KEY B
SCALE 2:1

KEY B
SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JR RUTH 05JUN14	 TE Connectivity			
		CHK DOMINIC FAROLE 05JUN14				
		APVD GENE JACONO 05JUN14				
		PRODUCT SPEC 108-32090				
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME ASSEMBLY, HEADER, POWER TRIPLE LOCK, PC BOARD		
mm						
		0 PLC ±-				
		1 PLC ±0.3				
		2 PLC ±0.25				
		3 PLC ±-				
		4 PLC ±-				
ANGLES		±-				
MATERIAL		FINISH		RESTRICTED TO		
SEE TABLE		PRE-TIN				
		WEIGHT		-		
		Customer Drawing				
		A2		-		
		C=1969688				
		SCALE		3:1		
		SHEET		2 of 3		
		REV		C		

4

3

2

1

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REVISIONS

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

ADDITIONAL HOLES FOR 4 AND 5 POSITION HEADERS. NOT REQUIRED IF ONLY 3 POSITION IS USED.

3 POSITION SHOWN ON PC BOARD, BOARD NOT SUPPLIED (ILLUSTRATION ONLY)

6-1971773-7	COPPER ALLOY	NYLON PA66 150°C	5	25.10	33.7	31.3	RED	B	2-1969688-5
6-1971773-4			4	19.10	27.7	25.3	RED	B	2-1969688-4
6-1971773-3			3	13.10	21.7	19.3	RED	B	2-1969688-3
6-1971773-2			2	7.10	15.7	13.3	RED	B	2-1969688-2
5-1971773-7	COPPER ALLOY	NYLON PA66 150°C	5	25.10	33.7	31.3	LIGHT GREY	A	1-1969688-5
5-1971773-4			4	19.10	27.7	25.3	LIGHT GREY	A	1-1969688-4
5-1971773-3			3	13.10	21.7	19.3	LIGHT GREY	A	1-1969688-3
9-1971773-2			2	7.10	15.7	13.3	LIGHT GREY	A	1-1969688-2
1-1971773-7	COPPER ALLOY	PBT GF 105°C	5	25.10	33.7	31.3	NATURAL	A	1969688-5
1-1971773-4			4	19.10	27.7	25.3	NATURAL	A	1969688-4
1-1971773-3			3	13.10	21.7	19.3	NATURAL	A	1969688-3
1-1971773-2			2	7.10	15.7	13.3	NATURAL	A	1969688-2
MATING PLUG	CONTACT MATERIAL	HOUSING MATERIAL	NO. OF POS.	DIM P	DIM L	DIM K	COLOR	KEY	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL

SEE TABLE

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±

1 PLC ±0.3

2 PLC ±0.25

3 PLC ±

4 PLC ±

ANGLES ±

FINISH

PRE-TIN

DWN JR RUTH 05JUN14

CHK DOMINIC FAROLE 05JUN14

APVD GENE JACONO 05JUN14

PRODUCT SPEC 108-32090

APPLICATION SPEC 114-32136

WEIGHT -

Customer Drawing

TE Connectivity

NAME ASSEMBLY, HEADER, POWER TRIPLE LOCK, PC BOARD

SIZE A2

CAGE CODE -

DRAWING NO C-1969688

RESTRICTED TO -

SCALE 3:1

SHEET 3 OF 3

REV C

1471-9 (3/13)

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[2-1969688-2](#)