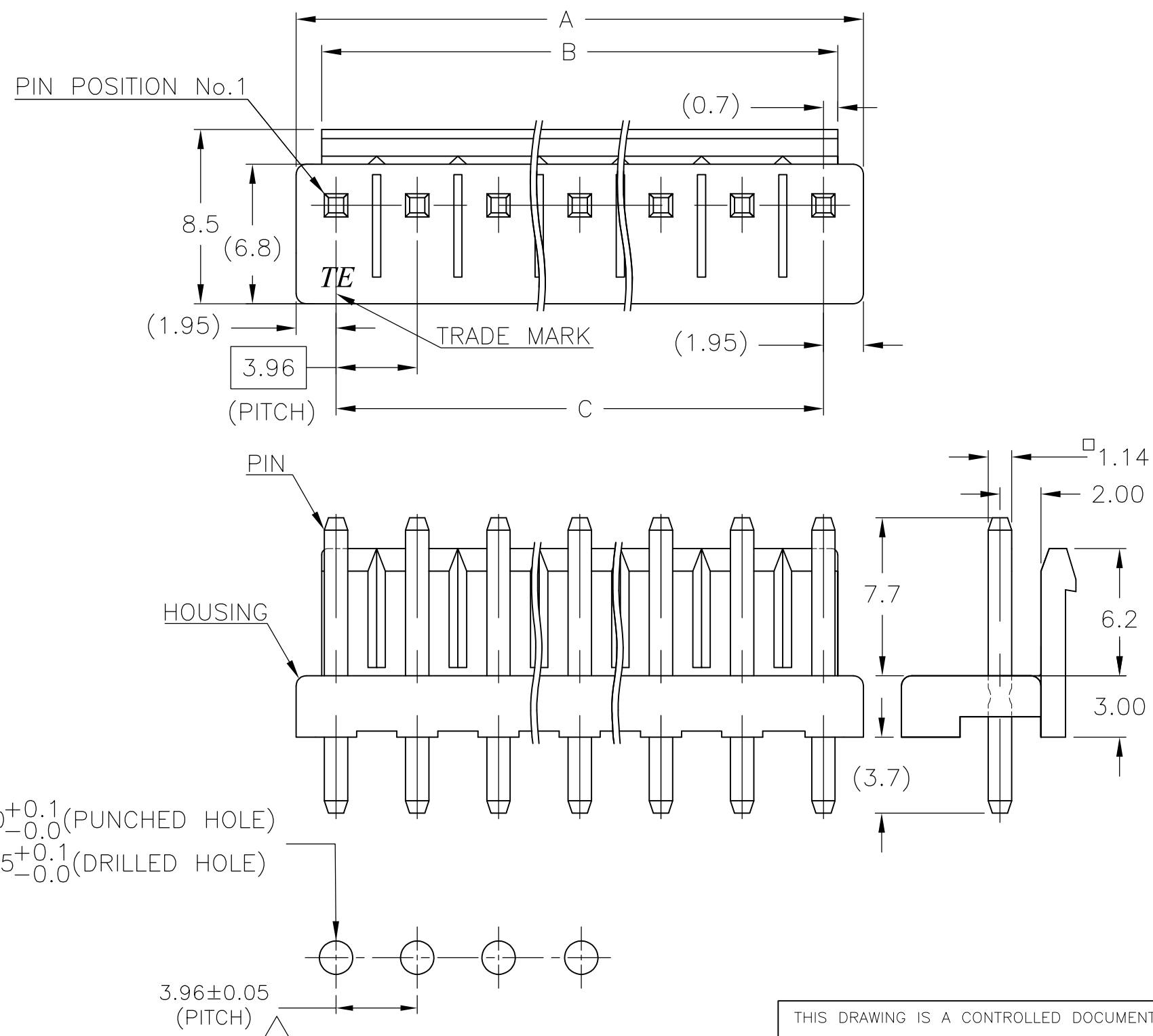


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LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN	APVD	
J	-	J3	REVISED PER ECR-14-015978	05NOV2014	NK	TM



- 1 MATING CONN P/N: □-1123722-□
- 2 APPLICABLE P.C.B LAYOUT: SEE FIG. 1
- 3 APPLICABLE P.C.B THICKNESS: 1.60
- 4 SKETCHES SHOW NO CONTACTS MISSING.
- 5 COMPLY WITH GLOW WIRE REQUIREMENTS FOR PARTS OF NON-METALIC MATERIAL SUPPORTING A CURRENT CARRYING CONNECTION DETAILED IN IEC 60335-1 SECTION 30 (GWT [GLOW WIRE TEST]) 750° SPEC.
- 6 PIN:
MATERIAL: BRASS
FINISH: POST TIN.
- 7 SEE SHEET 2 OR 3 FOR NOTE
- 8 SEE SHEET 2 OR 3 FOR NOTE
- 9 SEE SHEET 2 OR 3 FOR NOTE

$\phi 1.60^{+0.1}_{-0.0}$ (PUNCHED HOLE)
 $\phi 1.65^{+0.1}_{-0.0}$ (DRILLED HOLE)

3.96 ± 0.05
(PITCH)



2 FIG. 1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 12JUN2014 NAGALAKSHMI K		TE Connectivity	
DIMENSIONS: mm		CHK 12JUN2014 SEILHAMER, MALACHI			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 12JUN2014 SEILHAMER, MALACHI		NAME ECONOMY POWER (EP) CONN HEADER ASSY 3.96MM PITCH SPECIAL	
0 PLC ± 0.5 1 PLC ± 0.5 2 PLC ± 0.30 3 PLC ± 4 PLC ± ANGLES ± FINISH		PRODUCT SPEC 108-5609		RESTRICTED TO	
MATERIAL SEE TABLE 6		APPLICATION SPEC -		SIZE A3	CAGE CODE MS
		WEIGHT -		DRAWING NO C-1565036	REV J3
CUSTOMER DRAWING				SCALE -	SHEET 1 OF 3

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

- 5** COMPLY WITH GLOW WIRE REQUIREMENTS FOR PARTS OF NON-METALIC MATERIAL SUPPORTING A CURRENT CARRYING CONNECTION DETAILED IN IEC 60335-1 SECTION 30 (GWT [GLOW WIRE TEST]) 750° SPEC.
- 6** PIN:
MATERIAL: BRASS
FINISH: POST TIN.
- 7** HOUSING: PBT, 30% GLASS, UL94-V0.
- 8** HOUSING: NYLON, 15% GLASS, UL94-V2.
- 9** O: WITH PIN
X: WITHOUT PIN.

GWT	HOUSING MATERIAL	PIN POSITION											DIMENSION			COLOR	POS	PART NUMBER
		1	2	3	4	5	6	7	8	9	10	11	C	B	A			
NO	7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	23.76	25.16	27.66	RED	7	4-1565036-6
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	27.72	29.12	31.62	NATURAL	8	4-1565036-5
		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15.84	17.24	19.74	RED	5	4-1565036-4
YES	8	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	27.72	29.12	31.62	NATURAL	8	4-1565036-1	
		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	27.72	29.12	31.62	NATURAL	8	4-1565036-0
NO	7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	23.76	25.16	27.66	BLUE	7	3-1565036-6	
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	27.72	29.12	31.62	NATURAL	8	3-1565036-5	
		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15.84	17.24	19.74	BLUE	5	3-1565036-4
YES	8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	27.72	29.12	31.62	NATURAL	8	3-1565036-1	
		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	27.72	29.12	31.62	NATURAL	8	3-1565036-0
NO	7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	23.76	25.16	27.66	YELLOW	7	2-1565036-6	
		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	27.72	29.12	31.62	NATURAL	8	2-1565036-5	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15.84	17.24	19.74	YELLOW	5	2-1565036-4
YES	8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15.84	17.24	19.74	NATURAL	5	2-1565036-1	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	23.76	25.16	27.66	NATURAL	7	2-1565036-0
NO	7	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	35.64	37.04	39.54	NATURAL	10	1-1565036-9	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	31.68	33.08	35.58	NATURAL	9	1-1565036-8
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	23.76	25.16	27.66	NATURAL	7	1-1565036-7
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	23.76	25.16	27.66	BLACK	7	1-1565036-6
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	27.72	29.12	31.62	NATURAL	8	1-1565036-5
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	23.76	29.12	31.62	NATURAL	8	1-1565036-4
YES	8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	23.76	29.12	31.62	NATURAL	8	1-1565036-1	
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	23.76	25.16	27.66	NATURAL	7	1-1565036-0

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DIMENSIONS: mm		CHK 12JUN2014 SEILHAMER, MALACHI		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 12JUN2014 SEILHAMER, MALACHI	NAME ECONOMY POWER (EP) CONN HEADER ASSY 3.96MM PITCH SPECIAL	
0 PLC ± 0.5 1 PLC ± 0.5 2 PLC ± 0.30 3 PLC ± 4 PLC ± ANGLES ± MATERIAL SEE TABLE 6 FINISH 6		PRODUCT SPEC 108-5609	SIZE CAGE CODE DRAWING NO RESTRICTED TO A3 MS C-1565036 -	
CUSTOMER DRAWING		WEIGHT -	SCALE - SHEET 2 OF 3 REV J3	


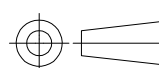
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LOC	DIST	REVISIONS					
J	-	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

- 5** COMPLY WITH GLOW WIRE REQUIREMENTS FOR PARTS OF NON-METALIC MATERIAL SUPPORTING A CURRENT CARRYING CONNECTION DETAILED IN IEC 60335-1 SECTION 30 (GWT [GLOW WIRE TEST]) 750° SPEC.
- 6** PIN:
MATERIAL: BRASS
FINISH: POST TIN.
- 7** HOUSING: PBT, 30% GLASS, UL94-V0.
- 8** HOUSING: NYLON, 15% GLASS, UL94-V2.
- 9** O: WITH PIN
X: WITHOUT PIN.

		1	2	3	4	5	6	7	8	9	10	11	C	B	A	COLOR	POS	PART NUMBER			
NO	7	○	○	×	×	○	○	○	○	-	-	-	27.72	29.12	31.62	NATURAL	8	9-1565036-6			
YES	8	○	○	○	○	×	○	-	-	-	-	-	19.80	21.20	23.70	NATURAL	6	9-1565036-1			
NO	7	○	×	○	○	○	○	-	-	-	-	-	23.76	25.16	27.66	NATURAL	7	8-1565036-6			
YES	8	○	×	○	×	○	○	-	-	-	-	-	23.76	25.16	27.66	NATURAL	7	8-1565036-1			
		○	○	×	○	○	○	○	○	○	-	-	-	35.64	37.04	39.54	NATURAL	10	8-1565036-0		
NO	7	○	○	×	○	○	×	○	-	-	-	-	27.72	29.12	31.62	NATURAL	8	7-1565036-6			
		○	×	○	×	○	○	-	-	-	-	-	23.76	25.16	27.66	NATURAL	7	7-1565036-5			
		○	○	○	×	○	-	-	-	-	-	-	15.84	17.24	19.74	NATURAL	5	7-1565036-4			
YES	8	○	×	○	×	○	×	○	×	×	○	-	35.64	37.04	39.54	NATURAL	10	7-1565036-1			
		○	○	○	×	○	○	○	○	-	-	-	-	31.68	33.08	35.58	NATURAL	9	7-1565036-0		
NO	7	○	○	○	×	○	○	○	-	-	-	-	27.72	29.12	31.62	NATURAL	8	6-1565036-7			
		○	×	○	○	○	○	-	-	-	-	-	23.76	25.16	27.66	GREEN	7	6-1565036-6			
		○	○	○	○	×	○	-	-	-	-	-	19.80	21.20	23.70	BLUE	6	6-1565036-5			
YES	8	○	×	○	×	○	×	○	-	-	-	-	27.72	29.12	31.62	NATURAL	8	6-1565036-1			
		○	○	○	×	○	○	○	-	-	-	-	-	27.72	29.12	31.62	NATURAL	8	6-1565036-0		
NO	7	○	×	○	○	○	○	○	-	-	-	-	27.72	29.12	31.62	NATURAL	8	5-1565036-7			
		○	×	○	○	○	○	-	-	-	-	-	23.76	25.16	27.66	BLACK	7	5-1565036-6			
		○	×	○	×	○	×	○	×	×	○	-	-	35.64	37.04	39.54	NATURAL	10	5-1565036-5		
YES	8	○	○	○	×	○	-	-	-	-	-	-	15.84	17.24	19.74	BLACK	5	5-1565036-4			
		○	×	○	○	×	○	×	○	-	-	-	-	27.72	29.12	31.62	NATURAL	8	5-1565036-1		
YES	8	○	×	○	○	○	○	○	-	-	-	-	27.72	29.12	31.62	NATURAL	8	5-1565036-0			
		○	×	○	○	○	○	○	-	-	-	-	-	27.72	29.12	31.62	NATURAL	8	5-1565036-0		
GWT	5	HOUSING MATERIAL											PIN POSITION			DIMENSION			COLOR	POS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN 12JUN2014 NAGALAKSHMI K	 TE Connectivity
	0 PLC ± 0.5 1 PLC ± 0.5 2 PLC ± 0.30 3 PLC ± 4 PLC ± ANGLES ±	CHK 12JUN2014 SEILHAMER, MALACHI	
		APVD 12JUN2014 SEILHAMER, MALACHI	
MATERIAL SEE TABLE 6	FINISH 6	NAME ECONOMY POWER (EP) CONN HEADER ASSY 3.96MM PITCH SPECIAL	
		PRODUCT SPEC 108-5609	SIZE A3
		APPLICATION SPEC -	CAGE CODE MS
		WEIGHT -	DRAWING NO C-1565036
		CUSTOMER DRAWING	RESTRICTED TO -
		SCALE -	SHEET 3 OF 3
			REV J3