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RELEASED FOR PUBLICATION

2011

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LOC

DIST

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	REVISED PER ECO-12-002880	15FEB12	KH	MS

SECTION A-A

83.82	92.82	98.02	87.64	23	2-1986724-3
80.01	89.01	94.21	83.83	22	2-1986724-2
76.20	85.20	90.40	80.02	21	2-1986724-1
72.39	81.39	86.59	76.21	20	2-1986724-0
68.58	77.58	82.78	72.40	19	1-1986724-9
64.77	73.77	78.97	68.59	18	1-1986724-8
60.96	69.96	75.16	64.78	17	1-1986724-7
57.15	66.15	71.35	60.97	16	1-1986724-6
53.34	62.34	67.54	57.16	15	1-1986724-5
49.53	58.53	63.73	53.35	14	1-1986724-4
45.72	54.72	59.92	49.54	13	1-1986724-3
41.91	50.91	56.11	45.73	12	1-1986724-2
38.10	47.10	52.30	41.92	11	1-1986724-1
34.29	43.29	48.49	38.11	10	1-1986724-0
30.48	39.48	44.68	34.30	9	1986724-9
26.67	35.67	40.87	30.49	8	1986724-8
22.86	31.86	37.06	26.68	7	1986724-7
19.05	28.05	33.25	22.87	6	1986724-6
15.24	24.24	29.44	19.06	5	1986724-5
11.43	20.43	25.63	15.25	4	1986724-4
7.62	16.62	21.82	11.44	3	1986724-3
3.81	12.81	18.01	7.63	2	1986724-2
DIM X	DIM C	DIM A	DIM B	POLE	PART NUMBER

MATERIAL
 HOUSING-POLYAMIDE, COLOR-GREEN
 LEVER-POLYAMIDE, COLOR ORANGE
 CONTACT SPRING-COPPER ALLOY-LEAD FREE TIN PLATED
 CLAMPING SPRING-STEEL

MECHANICAL
 INSERTION FORCE PER POLE- 3 NEWTON MAX
 WITHDRAWAL FORCE PER POLE- 1.5 NEWTON MIN
 STRIPPING LENGTH- 10.5 TO 11.5 MM
 OPERATING TEMPERATURE--40°C TO +110°C

ELECTRICAL
 WIRE SIZE= 30 TO 14 AWG SOLID OR STRANDED
 VOLTAGE RATING- 300 VOLTS
 CURRENT RATING- 11 AMP STRANDED; 9AMP SOLID
 CONTACT RESISTANCE-15 MILLOHM MAX
 INSULATION RESISTANCE-10⁹ OHMS MIN (500V DC)

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN 13JAN2012

KIRAN HOLAL

CHK 13JAN2012

MIKE SARVER

APVD 13JAN2012

MIKE SARVER

PRODUCT SPEC

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APPLICATION SPEC

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WEIGHT

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CUSTOMER DRAWING

TE Connectivity

NAME
 STRAIGHT SPRING TYPE PLUG CONNECTOR, RIGHT SIDE,
 LOCKING W/FLANGES 02 - 23 POLES, PITCH 3.81mm

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1986724	-

SCALE	SHEET	OF	REV
2:1	1	1	A

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	±-
1 PLC	±0.40
2 PLC	±0.20
3 PLC	±-
4 PLC	±-
ANGLES	±1°

MATERIAL

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FINISH

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1470-19 (3/11)

Pro/ENGINEER DRAWING