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2011

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LOC

DIST

REVISIONS

AI

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P

LTR

DESCRIPTION

DATE

DWN

APVD

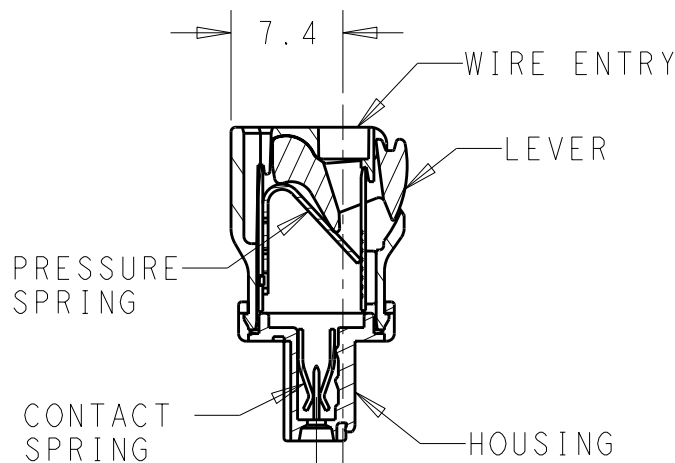
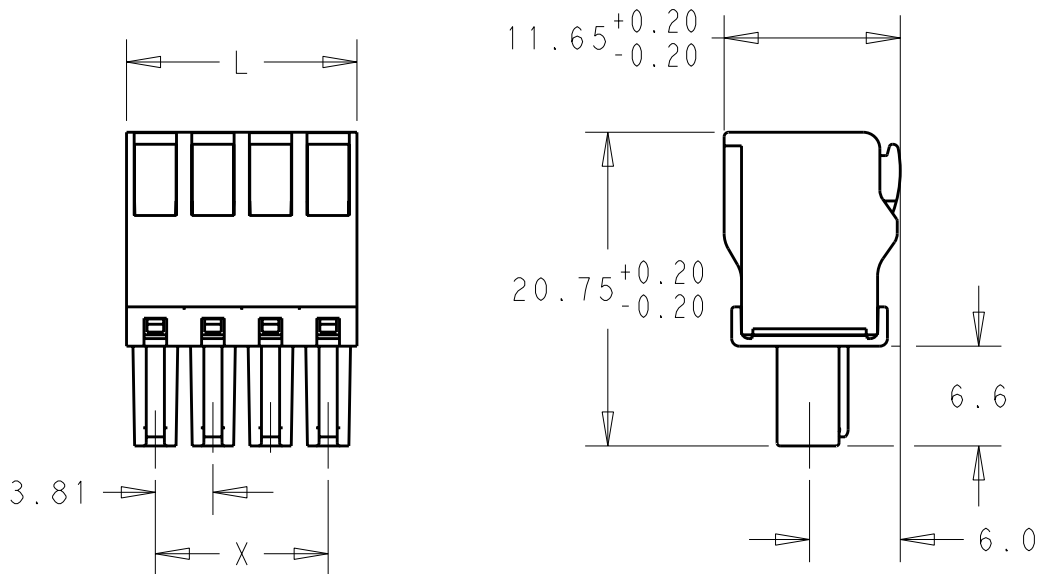
A

REVISED PER ECO-12-002880

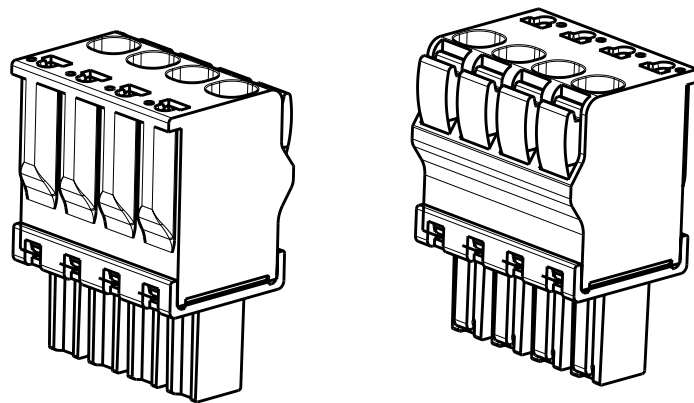
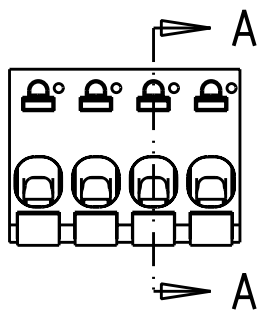
15FEB12

KH

MS



SECTION A - A



**MATERIALS**  
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-10<sup>9</sup> OHMS MIN (500V DC)

91.44	95.25	25	2-1986720-5
87.63	91.44	24	2-1986720-4
83.82	87.63	23	2-1986720-3
80.01	83.82	22	2-1986720-2
76.20	80.01	21	2-1986720-1
72.39	76.20	20	2-1986720-0
68.58	72.39	19	1-1986720-9
64.77	68.58	18	1-1986720-8
60.96	64.77	17	1-1986720-7
57.15	60.96	16	1-1986720-6
53.34	57.15	15	1-1986720-5
49.53	53.34	14	1-1986720-4
45.72	49.53	13	1-1986720-3
41.91	45.72	12	1-1986720-2
38.10	41.91	11	1-1986720-1
34.29	38.10	10	1-1986720-0
30.48	34.29	9	1986720-9
26.67	30.48	8	1986720-8
22.86	26.67	7	1986720-7
19.05	22.86	6	1986720-6
15.24	19.05	5	1986720-5
11.43	15.24	4	1986720-4
7.62	11.43	3	1986720-3
3.81	7.62	2	1986720-2
DIM X	DIM L	POLE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN 16JAN2012

KIRAN HOLAL

CHK 16JAN2012

MIKE SARVER

APVD 16JAN2012

MIKE SARVER

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

CUSTOMER DRAWING



TE Connectivity

NAME  
STRAIGHT SPRING TYPE PLUG CONNECTOR,  
SIDE STACKABLE RIGHT  
02 - 25 POLES PITCH 3.81mm

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

C=

1986720

-

SCALE 2:1

SHEET

1

OF 1

REV

A

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