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RELEASED FOR PUBLICATION

2011

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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

AI

-

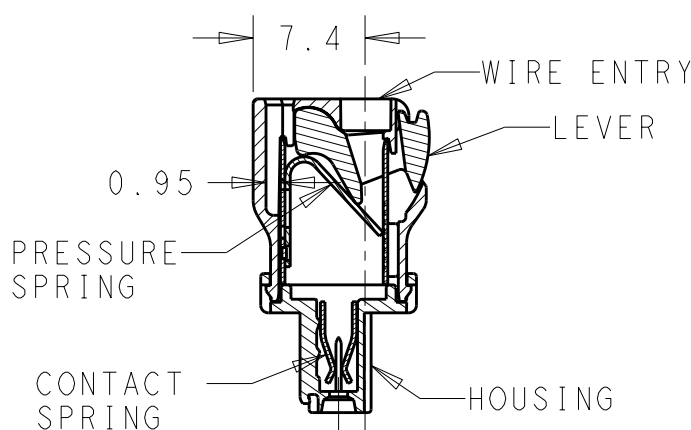
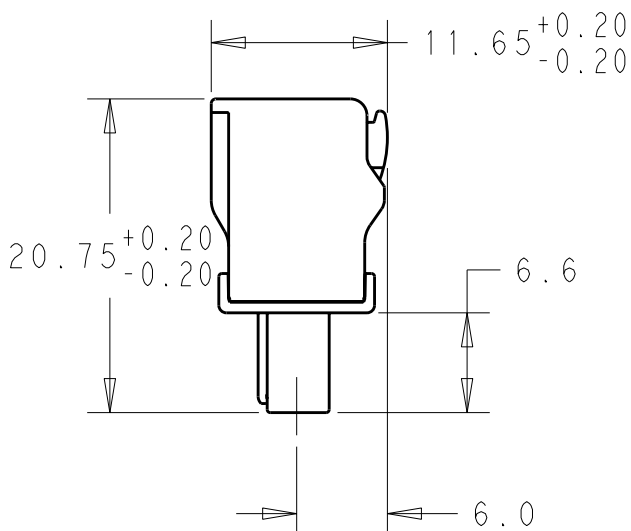
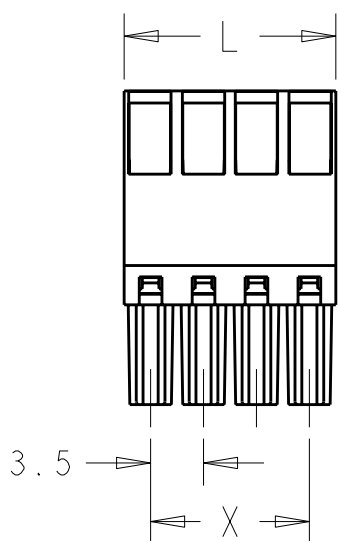
A

REVISED PER ECO-12-002880

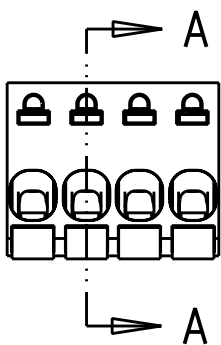
14FEB12

KH

MS



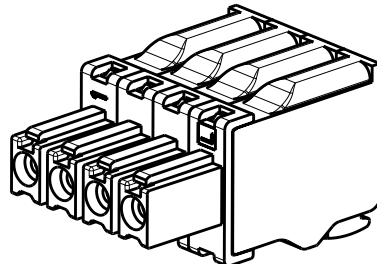
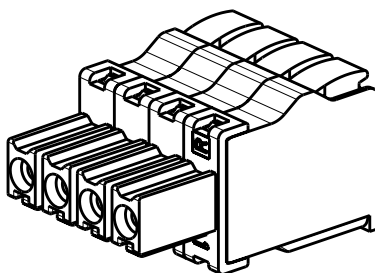
SECTION A - A



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-10⁹ OHMS MIN (500V DC)



84.00	87.50	25	2-1986693-5
80.50	84.00	24	2-1986693-4
77.00	80.50	23	2-1986693-3
73.50	77.00	22	2-1986693-2
70.00	73.50	21	2-1986693-1
66.50	70.00	20	2-1986693-0
63.00	66.50	19	1-1986693-9
59.50	63.00	18	1-1986693-8
56.00	59.50	17	1-1986693-7
52.50	56.00	16	1-1986693-6
49.00	52.50	15	1-1986693-5
45.50	49.00	14	1-1986693-4
42.00	45.50	13	1-1986693-3
38.50	42.00	12	1-1986693-2
35.00	38.50	11	1-1986693-1
31.50	35.00	10	1-1986693-0
28.00	31.50	9	1986693-9
24.50	28.00	8	1986693-8
21.00	24.50	7	1986693-7
17.50	21.00	6	1986693-6
14.00	17.50	5	1986693-5
10.50	14.00	4	1986693-4
7.00	10.50	3	1986693-3
3.50	7.00	2	1986693-2
DIM X	DIM L	POLE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN 12JAN2012

KIRAN HOLAL

CHK 12JAN2012

MIKE SARVER

APVD 12JAN2012

MIKE SARVER

PRODUCT SPEC

-

APPLICATION SPEC

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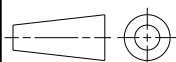
WEIGHT

-

CUSTOMER DRAWING

DIMENSIONS:

mm



TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

MATERIAL

-

FINISH

-



TE Connectivity

NAME
STRAIGHT SPRING TYPE PLUG CONNECTOR,
SIDE STACKABLE LEFT,
02 - 25 POLES, PITCH 3.50mm

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

C=1986693

-

SCALE 2:1

SHEET 1 OF 1

REV A

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1986693-8](#)