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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	SQUARE NUT PART INFORMATION ADDED	13APR2018	RK	PS

NOTES:

- MATERIALS AND FINISH:  
HOUSING: HIGH TEMPERATURE POLYAMIDE, UL94V-0,  
COLOR: BLACK.  
TERMINAL: PHOSPHOR BRONZE, TIN PLATED.  
SQUARE NUT: BRASS, NICKEL PLATED.
- MECHANICAL  
MAX. INSERTION FORCE PER POLE : 3.0 N  
MIN. WITHDRAWAL FORCE PER POLE : 1.5 N  
MIN. PC BOARD HOLES DIAMETER : 1.2 mm  
MAX. PC BOARD THICKNESS : 2.4 mm
- ELECTRICAL  
WIRE RANGE : 14-30 AWG  
MAX. VOLTAGE : 300 V  
MAX CURRENT : 11 A  
CONTACT RESISTANCE : <15 m Ohm  
INSULATION RESISTANCE : >1000 M Ohm (500V DC)
- OPERATING TEMPERATURE RANGE: -40°C TO +110°C
- CONNECTOR ASSEMBLY INCLUDED 2 SQUARE NUTS LOADED IN CAVITY.

6  
3.81±0.05  
2.6 REF  
7.25±0.15  
3.0  
POLARIZATION KEY SLOT  
CAVITY FOR M2.5 FIXING SCREW  
2 PLC

DIM A  
0.80±0.02

7.25  
9.2±0.2  
3.4±0.2  
0.80±0.02  
3.0

SQUARE NUT  
6 NOT CUMULATIVE TOLERANCE.  
HOUSING  
TERMINAL

56.11	12	1-1776133-2
52.30	11	1-1776133-1
48.49	10	1-1776133-0
44.68	9	1776133-9
40.87	8	1776133-8
37.06	7	1776133-7
33.25	6	1776133-6
29.44	5	1776133-5
25.63	4	1776133-4
21.82	3	1776133-3
18.01	2	1776133-2
DIM A	NO OF POS.	PART NUMBER

3.81  
Ø 1.2<sup>+0.1</sup><sub>0</sub>  
Ø 0.1

RECOMMENDED PC BOARD LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN S. SCHLEGEL 06JAN2010

CHK C RICHARD 06JAN2010

APVD C RICHARD 06JAN2010

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

06JAN2010

06JAN2010

06JAN2010

NAME

TERMINAL BLOCK HEADER ASSEMBLY,  
STRAIGHT, W/ THREADED FLANGE,  
3.81mm PITCH

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

C-1776133

SCALE

3:1

SHEET

1

OF

1

REV

A

DIMENSIONS:  
mmTOLERANCES UNLESS  
OTHERWISE SPECIFIED:

0 PLC	±
1 PLC	±0.3
2 PLC	±0.25
3 PLC	±
4 PLC	±
ANGLES	±2°

MATERIAL  
SEE NOTESFINISH  
SEE NOTES

CUSTOMER DRAWING

SCALE

3:1

SHEET

1

OF

1

REV

A

1470-19 (3/13)

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