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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
3.50±0.05
4.30
2.6 REF
7.25±0.15
POLARIZATION KEY SLOT
CAVITY FOR M2.5 FIXING SCREW
2 PLC

DIM A
9.2±0.2
3.4±0.2
0.80±0.02
3.00±0.15

SQUARE NUT
6 NOT CUMULATIVE TOLERANCE.
HOUSING
TERMINAL

52.3	12	1-177132-2
48.8	11	1-177132-1
45.3	10	1-177132-0
41.8	9	177132-9
38.3	8	177132-8
34.8	7	177132-7
31.3	6	177132-6
27.8	5	177132-5
24.3	4	177132-4
20.8	3	177132-3
17.3	2	177132-2
DIM A	NO OF POS.	PART NUMBER

3.5
Ø 1.2^{+0.1}₀
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 -

CUSTOMER DRAWING

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

MATERIAL
SEE NOTESFINISH
SEE NOTES

NAME
TERMINAL BLOCK HEADER ASSEMBLY,
STRAIGHT, W/ THREADED FLG,
3.5mm PITCH

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C=1776132	-

CUSTOMER DRAWING

SCALE 3:1

SHEET 1 OF 1

REV A

1470-19 (3/13)