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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^{+0.1}₀
Ø 0.1

RECOMMENDED PC BOARD LAYOUT

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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 FLANGE,
3.81mm PITCH

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1776133	-

SCALE	SHEET	OF	REV
3:1	1	1	A

TE Connectivity

1470-19 (3/13)