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2

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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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN S. SCHLEGEL 06 JAN 2010

CHK C RICHARD 06 JAN 2010

APVD C RICHARD 06 JAN 2010

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)