

4

3

2

1

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REVISIONS

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P	LTR	DESCRIPTION	DATE	DWN	APVD
	B2	SQUARE NUT PART INFORMATION ADDED	11MAY2018	RK	PS

DIM A+14.2

0.8±0.02

3.81±0.05

6

9.2±0.2

3.4±0.3

3.0±0.15

0.8±0.02

SQUARE NUT

HOUSING

TERMINAL

7.25±0.15

CAVITY FOR M2.5 FIXING SCREW
2 PLC

POLARIZATION KEY SLOT

284519-3 AS SHOWN

OBSOLETE	83.82	23	2-284519-3
	80.01	22	2-284519-2
	76.20	21	2-284519-1
	72.39	20	2-284519-0
	68.58	19	1-284519-9
	64.77	18	1-284519-8
	60.96	17	1-284519-7
	57.15	16	1-284519-6
OBSOLETE	53.34	15	1-284519-5
	49.53	14	1-284519-4
	45.72	13	1-284519-3
	41.91	12	1-284519-2
	38.10	11	1-284519-1
	34.29	10	1-284519-0
	30.48	9	284519-9
	26.67	8	284519-8
	22.86	7	284519-7
	19.05	6	284519-6
	15.24	5	284519-5
	11.43	4	284519-4
	7.62	3	284519-3
	3.81	2	284519-2
	DIM A	NO OF POS	PART NUMBER

RECOMMENDED PC BOARD LAYOUT

3.81

1.2±0.1

0.1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 07FEB2002 E. ZANOLINI	TE Connectivity	
DIMENSIONS: mm		CHK 07FEB2002 E. ZANOLINI		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 07FEB2002 D. BIEVENOUR	NAME TERMINAL BLOCK HEADER ASSEMBLY STRAIGHT, 3.81mm PITCH WITH THREADED FLANGE	
0 PLC ±0.3		PRODUCT SPEC	SIZE	
1 PLC ±0.25		APPLICATION SPEC	CAGE CODE	
2 PLC ±0.25		WEIGHT	DRAWING NO	
3 PLC ±0.25			RESTRICTED TO	
4 PLC ±0.25			A300779C-284519	
ANGLES ±2			SCALE 3:1	
FINISH			SHEET 1 OF 2	
MATERIAL			REV B2	
			CUSTOMER DRAWING	

1470-19 (3/13)

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P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

NOTES:



MATERIALS AND FINISH

HOUSING : PA 6.6, UL 94-V0, COLOR GREEN
 TERMINAL : PHOSPHOR BRONZE, TIN PLATED
 SQUARE NUT : BRASS, NICKEL PLATED.

2. 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

3. 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)

4. OPERATING TEMPERATURE RANGE: -40°C TO +110°C

5. CONNECTOR ASSEMBLY INCLUDED 2 SQUARE NUTS LOADED IN CAVITY



NOT CUMULATIVE TOLERANCE

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DWN 07FEB2002
E. ZANOLINI

CHK 07FEB2002
E. ZANOLINI

APVD 07FEB2002
D. BIEVENOUR

PRODUCT SPEC

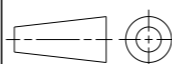
APPLICATION SPEC

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



FINISH



NAME
 TERMINAL BLOCK HEADER ASSEMBLY
 STRAIGHT, 3.81mm PITCH
 WITH THREADED FLANGE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
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A300779 C-284519

SCALE	SHEET	OF	REV
3:1	2	2	B2

Mouser Electronics

Authorized Distributor

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[284519-8](#)