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REVISIONS

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

284519-3 AS SHOWN

RECOMMENDED PC BOARD LAYOUT

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

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DWN 07FEB2002

E. ZANOLINI

CHK 07FEB2002

E. ZANOLINI

APVD 07FEB2002

D. BIEVENOUR

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

CUSTOMER DRAWING

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-284519	-

SCALE	SHEET	OF	REV
3:1	1	2	B2

DIMENSIONS:
mm

MATERIAL

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

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

FINISH

1470-19 (3/13)

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REVISIONS

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN E. ZANOLINI 07FEB2002	 TE Connectivity	
DIMENSIONS: mm		CHK E. ZANOLINI 07FEB2002		
		APVD D. BIEVENOUR 07FEB2002	NAME TERMINAL BLOCK HEADER ASSEMBLY STRAIGHT, 3.81mm PITCH WITH THREADED FLANGE	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.3 2 PLC ±0.25 3 PLC ± 4 PLC ± ANGLES ±2		PRODUCT SPEC -	RESTRICTED TO -	
MATERIAL 		APPLICATION SPEC -	SIZE A300779	CAGE CODE C-284519
FINISH 		WEIGHT -	SCALE 3:1 SHEET 2 OF 2 REV B2	
		CUSTOMER DRAWING		

Mouser Electronics

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