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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	H	PKG IS CHANGED FROM BOX TO TRAY	18JAN2018	RK	PS

TEST FACILITY

INTERLOCKING FEATURE

0.60±0.05

CLAMPING SCREW

8.2

282837-3 AS SHOWN

WIRE ENTRY

A

1.5

2.54 REF

0.9±0.1 TYP

5.08±0.05 TYP

4.1±0.2

10.0

3.5±0.3

0.50±0.05 TYP

3.30±0.05

1.20⁰_{-0.15}

PEG SEE TABLE

5.08

Ø 1.1^{+0.1}₀

Ø 0.1

RECOMMENDED PC BOARD LAYOUT

OBSOLETE	SEE DETAIL B	NO	45.72	9	3-282837-3
	SEE DETAIL A	NO	66.04	13	3-282837-2
OBSOLETE	-	NO	127.00	25	2-282837-5
	-	NO	121.92	24	2-282837-4
OBSOLETE	-	NO	116.84	23	2-282837-3
	-	NO	111.76	22	2-282837-2
OBSOLETE	-	NO	106.68	21	2-282837-1
	-	NO	101.60	20	2-282837-0
OBSOLETE	-	NO	96.52	19	1-282837-9
	-	NO	91.44	18	1-282837-8
OBSOLETE	-	NO	86.36	17	1-282837-7
	-	NO	81.28	16	1-282837-6
OBSOLETE	-	NO	76.20	15	1-282837-5
	-	NO	71.12	14	1-282837-4
OBSOLETE	-	NO	66.04	13	1-282837-3
	-	NO	60.96	12	1-282837-2
	-	NO	55.88	11	1-282837-1
	-	NO	50.80	10	1-282837-0
	-	NO	45.72	9	282837-9
	-	NO	40.64	8	282837-8
	-	NO	35.56	7	282837-7
	-	NO	30.48	6	282837-6
	-	NO	25.40	5	282837-5
	-	NO	20.32	4	282837-4
	-	NO	15.24	3	282837-3
	-	NO	10.16	2	282837-2
OBSOLETE		YES	10.16	2	282837-1
	MARKING	PEG	A	NO OF POSN	PART NUMBER

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DWN S. WELDON 20MAY2003

CHK C. RICHARD 20MAY2003

APVD C. RICHARD 20MAY2003

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.3

1 PLC ±.25

2 PLC ±.25

3 PLC ±.25

4 PLC ±.25

ANGLES ±2

FINISH

MATERIAL

PRODUCT SPEC 108-20166

APPLICATION SPEC 114-20079

WEIGHT -

CUSTOMER DRAWING

NAME

SIZE A2

CAGE CODE 00779

DRAWING NO C-282837

RESTRICTED TO -

SCALE 4:1

SHEET 1 OF 2

REV H

TE Connectivity

TERMINAL BLOCK, PCB MOUNT
SIDE ENTRY WIRE, STACKING
W/INTERLOCK, 5.08mm PITCH

1471-9 (3/13)

4

3

2

1

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	-	SEE SHEET 1	-	-	-

1

2

3

4

5

6

7

8

9

10

11

12

14

9

DETAIL A

R

Y1

W1/0

G

W2

Y2

X2

T

COM

9

DETAIL B

NOTES:

1

MATERIALS AND FINISH
HOUSING: PA 6-6, UL 94-V0, COLOR GREEN.
CLAMP: BRASS, NICKEL PLATED.
TERMINAL: BRASS, TIN PLATED.
CLAMPING SCREW: M3, BRASS, NICKEL PLATED.

2.

MECHANICAL
WIRE STRIPPING LENGTH : 5.0-6.0 mm
MIN. PC BOARD HOLES DIAMETER : 1.1 mm
MAX. PC BOARD THICKNESS : 2.4 mm
RECOMMENDED TIGHTENING TORQUE FOR SCREW: 0.5 Nm.

3.

ELECTRICAL
WIRE RANGE : 16-30 AWG.
MAX. VOLTAGE : 300 V
MAX CURRENT : 13.5 A
CONTACT RESISTANCE : <15 m Ohm
INSULATION RESISTANCE : >1000 M Ohm (500V DC)

4.

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

5.

END-TO-END STACKABLE W/INTERLOCK WITHOUT LOSS OF CENTERLINE SPACING.

6.

PACKED IN TRAY.

7.

RECOGNIZED UNDER THE COMPONENT PROGRAM OF UNDERWRITERS LABORATORIES INC., FILE NO E60677.

8

NOT CUMULATIVE TOLERANCE.

9

CHARACTERS INK MARKED BLACK.

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DIMENSIONS:

mm

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2 PLC ±.25

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4 PLC ±-

ANGLES ±2

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