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LOC

DIST

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	F13	PN 6-796640-6 RELEASED FOR PRODUCTION	04DEC2018	RK	PS

6

5±0.05
TYP

2.5 REF
2 PLC

15.5

WIRE ENTRY

CLAMPING SCREW

POLARIZATION KEY SLOT

18.4

MATING FACE

RETENTION LATCH

796640-3 AS SHOWN

OBSOLETE	TIN	7 9	MARK 4 TO 1	20.00	4	5-796640-4
	TIN	7 9	MARK 3 TO 1	15.00	3	5-796640-3
	TIN	7 9	MARK 1 TO 3	15.00	3	5-796640-2
	TIN	7 9	MARK 1 TO 3	15.00	3	5-796640-1
	TIN	7 9	MARK 1 TO 4	20.00	4	5-796640-0
	TIN	7 9	MARK 15 TO 28	70.00	14	4-796640-9
OBSOLETE	TIN	7 9	MARK 13 TO 24	60.00	12	4-796640-8
	TIN	7 9	MARK 1 TO 14	70.00	14	4-796640-7
OBSOLETE	TIN	8 9	MARK 1 TO 12	60.00	12	4-796640-6
	TIN	8 9	MARK 1 TO 7	35.00	7	4-796640-5
	TIN	8 9	MARK 1 TO 5	25.00	5	4-796640-4
OBSOLETE	TIN	8 9	MARK 11 TO 15	25.00	5	4-796640-3
	TIN	-	DETAIL S	35.00	7	4-796640-2
	TIN	7 9	MARK 1 TO 3	15.00	3	4-796640-1
	TIN	-	10	20.00	4	4-796640-0
	TIN	7 9	DETAIL P	20.00	4	3-796640-9
	TIN	7 9	MARK 1 TO 8	40.00	8	3-796640-8
	TIN	7 9	MARK 37 TO 54	90.00	18	3-796640-7
	TIN	7 9	MARK 19 TO 36	90.00	18	3-796640-6
	TIN	7 9	MARK 1 TO 18	90.00	18	3-796640-5
	TIN	8 9	MARK 1 TO 10	50.00	10	3-796640-4
	TIN	8 9	MARK 1 TO 8	40.00	8	3-796640-3
	TIN	7	DETAIL N	30.00	6	3-796640-0
	TIN	7 9	MARK 1 TO 6	30.00	6	2-796640-9
	TIN	-	-	125.00	25	2-796640-5
OBSOLETE	TIN	-	-	120.00	24	2-796640-4
	TIN	-	-	115.00	23	2-796640-3
OBSOLETE	TIN	-	-	110.00	22	2-796640-2
	TIN	-	-	105.00	21	2-796640-1
OBSOLETE	TIN	-	-	100.00	20	2-796640-0
	TIN	-	-	95.00	19	1-796640-9
OBSOLETE	TIN	-	-	90.00	18	1-796640-8
	TIN	-	-	85.00	17	1-796640-7
OBSOLETE	TIN	-	-	80.00	16	1-796640-6
	TIN	-	-	75.00	15	1-796640-5
	TIN	-	-	70.00	14	1-796640-4
	TIN	-	-	65.00	13	1-796640-3
	TIN	-	-	60.00	12	1-796640-2
	TIN	-	-	55.00	11	1-796640-1
	TIN	-	-	50.00	10	1-796640-0
	TIN	-	-	45.00	9	796640-9
	TIN	-	-	40.00	8	796640-8
	TIN	-	-	35.00	7	796640-7
	TIN	-	-	30.00	6	796640-6
	TIN	-	-	25.00	5	796640-5
	TIN	-	-	20.00	4	796640-4
	TIN	-	-	15.00	3	796640-3
TIN	-	-	10.00	2	796640-2	
TERMINAL PLATING	MARKING	SPECIAL	L	NO OF POSN	PART NUMBER	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL

SEE NOTES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC
1 PLC
2 PLC
3 PLC
4 PLC
ANGLES
FINISH

±-
±0.3
±0.25
±-
±-
±2

SEE NOTES

DWN
S. WELDON
CHK
D. BIEVENOUR
APVD
D. BIEVENOUR

18OCT2000
18OCT2000
18OCT2000

PRODUCT SPEC
APPLICATION SPEC
WEIGHT

-
-
-

CUSTOMER DRAWING

TE Connectivity

NAME
TERMINAL BLOCK, PLUG, STACKING
5.00mm PITCH

SIZE
A200779

CAGE CODE
C-796640

DRAWING NO

RESTRICTED TO

SCALE
4:1

SHEET
1

OF
3

REV
F13

1471-9 (3/11)

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LOC-

DIST-

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

A+

A-

GND

GND

B+

B-

DETAIL N

EMPTY CAVITIES

DETAIL S

1234

DETAIL P

R

C

W

Y

B

G

DETAIL T

R

C

G

W1W2

DETAIL Z

A

B

DETAIL U

121110987654321

DETAIL V

1413121110987654321

DETAIL X

13

TIN

7

13

TIN

7

13

TIN

7

14

13

TIN

7

14

13

TIN

7

14

13

GOLD FLASH

-

13

TIN

7

13

TIN

7

13

TIN

7

9

13

TIN

7

9

TERMINAL PLATING

MARKING

SPECIAL

L

NO OF POSN

PART NUMBER

DETAIL Z

DETAIL Y

DETAIL X

DETAIL W, NO LATCH
KEY POSN 1,4,7

DETAIL V

DETAIL U

DETAIL T

MARK 13 TO 24

MARK 25 TO 38

25.00

30.00

70.00

35.00

60.00

35.00

10.00

30.00

60.00

70.00

5

6

14

7

12

7

2

6

12

14

6-796640-6

6-796640-5

6-796640-4

6-796640-1

6-796640-0

5-796640-9

5-796640-8

5-796640-7

5-796640-6

5-796640-5

COM

S2

+20

COM

S1

+20

DETAIL Y

KEY

DETAIL W

SEE NOTES

SEE NOTES

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DIMENSIONS: mm

MATERIAL

SEE NOTES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

SEE NOTES

DWN S. WELDON 18OCT2000
CHK D. BIEVENOUR 18OCT2000
APVD D. BIEVENOUR 18OCT2000

PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME
TERMINAL BLOCK, PLUG, STACKING
5.00mm PITCH

SIZE
A200779

CAGE CODE
C-796640

DRAWING NO

RESTRICTED TO

SCALE 4:1

SHEET 2 OF 3

REV F13

1471-9 (3/11)

4

3

2

1

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REVISIONS

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

NOTES:

1

MATERIALS AND FINISH:
HOUSING: PA 6-6, UL 94-V0, COLOR: GREEN.
CLAMP: BRASS, NICKEL PLATED.
DOUBLE SIDE CONTACT SPRING: PHOSPHOR BRONZE, PLATING: SEE TABLE.
CLAMPING SCREW: M3, BRASS, NICKEL PLATED.

2.

END-TO-END STACKABLE WITHOUT LOSS OF
CENTERLINE SPACING.

3.

MECHANICAL
MAX. INSERTION FORCE PER POLE : 3.0 N
MIN. WITHDRAWAL FORCE PER POLE : 1.5 N
WIRE STRIPPING LENGTH : 6.0-7.5 mm
RECOMMENDED TIGHTENING TORQUE FOR SCREW : 0.5 Nm.

4.

ELECTRICAL
WIRE RANGE : 12-30 AWG
MAX. VOLTAGE : 300 V
MAX CURRENT : 15 A
CONTACT RESISTANCE : <15 m Ohm
INSULATION RESISTANCE : >1000 M Ohm (500V DC)

5.

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

6

NOT CUMULATIVE TOLERANCE

7

INK MARKING: BLACK COLOR.

8

INK MARKING: WHITE COLOR.

9

NUMERICAL SEQUENCE: FROM LEFT TO RIGHT, WIRE ENTRY SIDE.

10

RETENTION LATCHES REMOVED

11.

BUCHANAN LOGO TO APPEAR ON HOUSING, LOCATION OPTIONAL
WHERE SPACE PERMITS.

12

WIRE ENTRY CLOSED.

13

PRELIMINARY - NOT FOR PRODUCTION.

14

NUMERICAL SEQUENCE: FROM RIGHT TO LEFT,
WIRE ENTRY SIDE.

15.

OPERATING TEMPERATURE RANGE: -40°C TO +105°C

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DWN18OCT2000
S.WELDON

CHK18OCT2000
D. BIEVENOUR

APVD18OCT2000
D. BIEVENOUR

PRODUCT SPEC-

APPLICATION SPEC-

WEIGHT-

DIMENSIONS:
mm

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

SEE NOTES

SEE NOTES

NAME

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

TE Connectivity

TERMINAL BLOCK, PLUG, STACKING
5.00mm PITCH

A200779

C-796640

SCALE4:1

SHEET3 OF 3

REV F13

1471-9 (3/11)