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LOC	DIST
FT	0

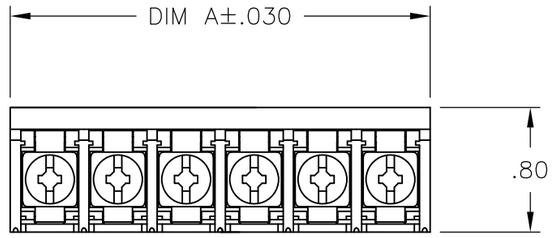
REVISIONS

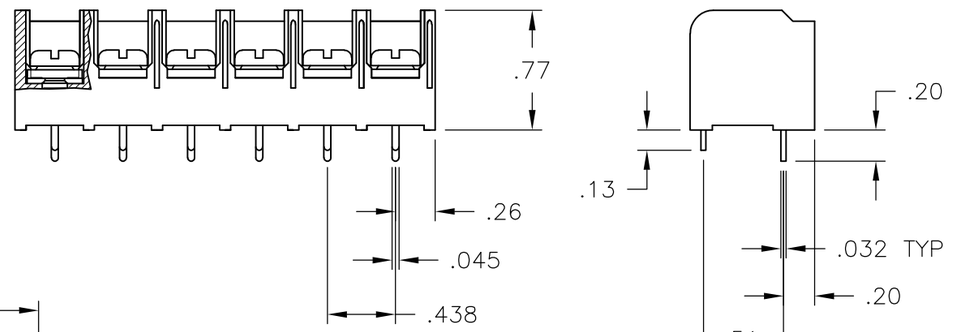
P	LTR	DESCRIPTION	DATE	DWN	APVD
	F	REVISED PER ECO-09-004812	04MAY10	HMR	CR

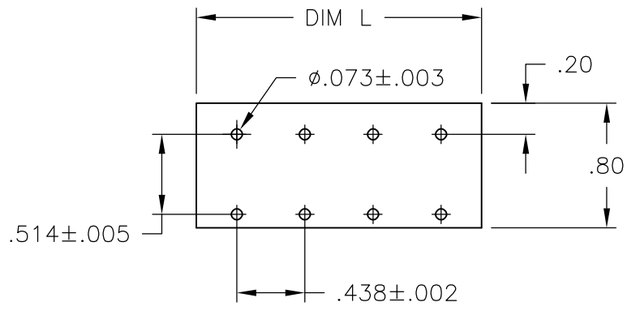
MATERIALS:
HOUSING: THERMOPLASTIC, UL94V-0, BLACK.
TERMINAL: BRIGHT TIN OVER COPPER ALLOY.
SCREWS: 8-32, ZINC PLATED STEEL.

ELECTRICAL:
CURRENT RATING: 30A
VOLTAGE RATING: 600V
WIRE RANGE: 10-18 AWG (UL)
10-22 AWG (CSA)

MECHANICAL:
RECOMMENDED TORQUE: 20 IN-LB.
OPERATING TEMP.: -40°C TO +120°C MAX.







RECOMMENDED PCB LAYOUT

1 PRELIMINARY PART NUMBER.

2 TERMINAL TAPPED TO M4 WITH NO SCREWS

DIM A	NO OF POS	CATALOG NUMBER	TE PART NO.
OBSOLETE	~~9.698~~	~~22~~	~~8DBL-22-006~~	~~2-796709-2~~
OBSOLETE	~~9.260~~	~~21~~	~~8DBL-21-006~~	~~2-796709-1~~
1 8.823	20	8DBL-20-006	2-796709-0
1 8.385	19	8DBL-19-006	1-796709-9
1 7.948	18	8DBL-18-006	1-796709-8
1 7.510	17	8DBL-17-006	1-796709-7
1 7.073	16	8DBL-16-006	1-796709-6
1 6.635	15	8DBL-15-006	1-796709-5
1 6.198	14	8DBL-14-006	1-796709-4
1 5.760	13	8DBL-13-006	1-796709-3
1 5.323	12	8DBL-12-006	1-796709-2
1 4.885	11	8DBL-11-006	1-796709-1
1 4.448	10	8DBL-10-006	1-796709-0
1 4.010	9	8DBL-09-006	796709-9
1 3.573	8	8DBL-08-006	796709-8
3.135	7	8DBL-07-002	796709-2
3.135	7	8DBL-07-006	4-1546159-7
2.698	6	8DBL-06-006	1-1437657-7
2.260	5	8DBL-05-006	4-1546159-6
1.823	4	8DBL-04-006	1-1437657-3
2 OBSOLETE	~~1.385~~	~~3~~	~~8DBL-03-649~~	~~1986428-1~~
1.385	3	8DBL-03-006	1-1437657-1
1 .948	2	8DBL-02-656	2-796709-3
.948	2	8DBL-02-006	1437657-8

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± .02
3 PLC ± .015
4 PLC ± -
ANGLES ± 1°

MATERIAL -
FINISH -

DWN S SCHLEGEL 6/20/03
CHK S YODER 6/20/03
APVD S YODER 6/20/03
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

CUSTOMER DRAWING

Tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME
8DBL-XX-006 ASSEMBLY

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1-1437657-1	—

SCALE	SHEET	REV
1:1	1 OF 1	F