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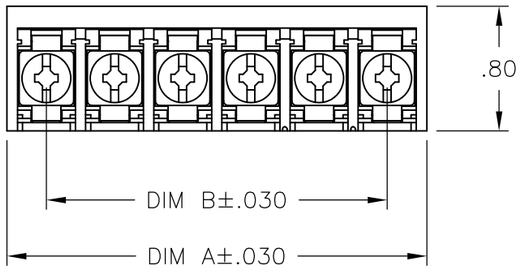
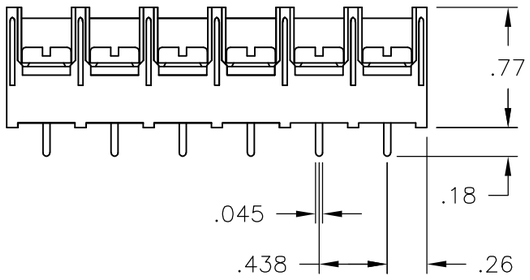
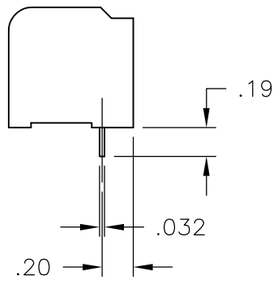
LOC	DIST
—	—

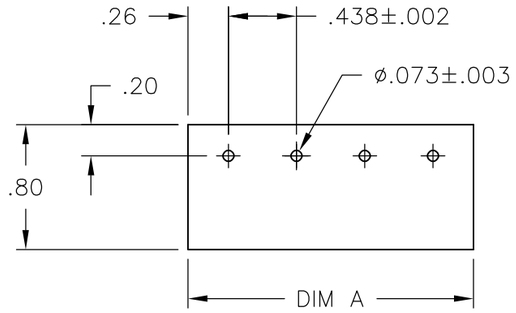
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	K4	REVISED PER ECO–11–004587	11MAR11	RK	HMR









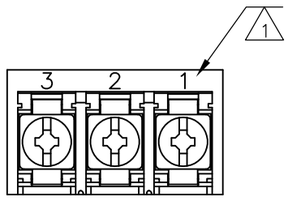
RECOMMENDED PCB LAYOUT

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

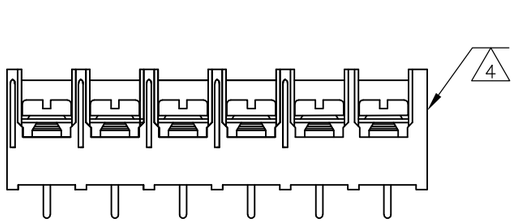
ELECTRICAL:
CURRENT RATING: 30A
VOLTAGE RATING: 600V
WIRE RANGE: 10–18 AWG (UL)
10–22 AWG (CSA)

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

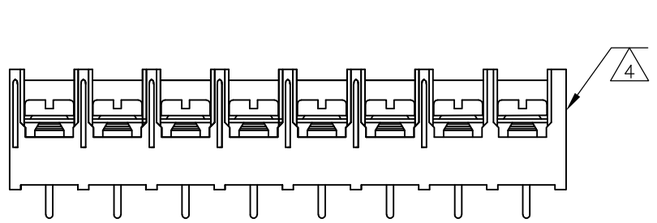
1. MARK WITH WHITE INK.
2. M4 THREAD IN TERMINAL, NO SCREWS INCLUDED.
3. ALL SCREWS TO BE BOTTOMED, EXCEPT AS NOTED.
4. SCREWS ON THIS ASSEMBLY WIRE READY.



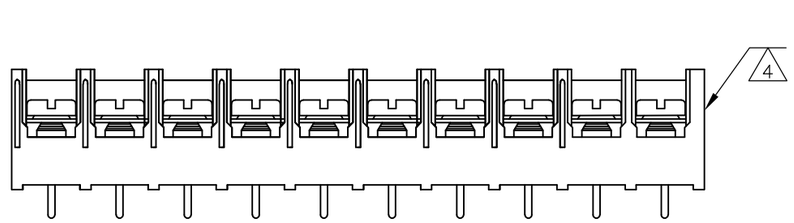
1546728–3



1986650–6



1986650–8



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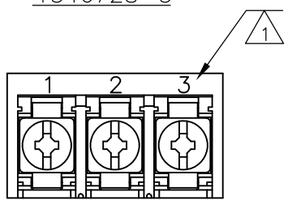
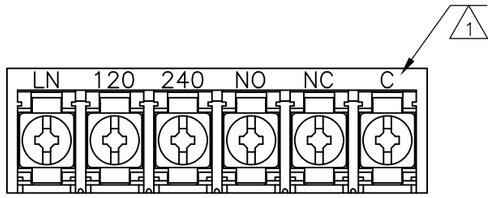
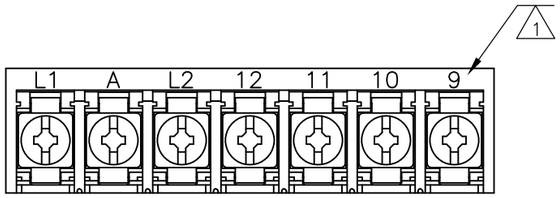


1546137–1



6–1546159–4



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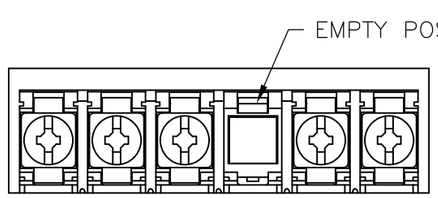
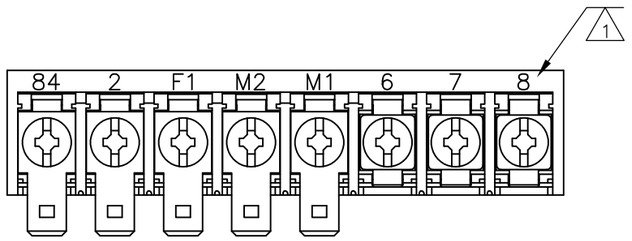


1546728–1



6–1546159–6

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DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± –
1 PLC	± –
2 PLC	± .02
3 PLC	± .010
4 PLC	± –
ANGLES	± –

MATERIAL: –

FINISH: –

DWN	S SCHLEGEL	5/15/03
CHK	S YODER	5/15/03
APVD	S YODER	5/15/03
PRODUCT SPEC	—	
APPLICATION SPEC	—	
WEIGHT	–	

TE Connectivity

NAME: 8PCV–XX–006 ASSEMBLY

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C–6–1437657–3	—

CUSTOMER DRAWING | SCALE NTS | SHEET 1 OF 2 | REV K4

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LOC	DIST
—	—

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	—	—

	COMMENTS	DIM B	DIM A	NO OF POS	CATALOG NUMBER	PART NO
2	–	.875	1.385	3	–	1546728–5
	–	8.312	8.822	20	8PCV–20–006	8–1546159–2
	–	7.875	8.385	19	8PCV–19–006	1546728–2
	–	7.438	7.948	18	8PCV–18–006	7–1437658–2
	–	7.000	7.510	17	8PCV–17–006	8–1546159–1
	–	6.563	7.073	16	8PCV–16–006	6–1437658–6
	–	6.125	6.635	15	8PCV–15–006	8–1437659–0
	–	5.688	6.198	14	8PCV–14–006	6–1437658–0
	–	5.250	5.760	13	8PCV–13–006	5–1437658–5
	–	4.813	5.323	12	8PCV–12–006	4–1437658–5
	–	4.375	4.885	11	8PCV–11–006	4–1437658–0
	–	3.938	4.448	10	8PCV–10–006	3–1437658–3
	SEE FIGURE	3.938	4.448	10	8PCV–10–050	1–1986650–0
	–	3.500	4.010	9	8PCV–09–006	7–1546159–1
	SEE FIGURE	3.063	3.573	8	8PCV–08–502	6–1546159–9
	–	3.063	3.573	8	8PCV–08–006	2–1437658–1
	SEE FIGURE	3.063	3.573	8	8PCV–08–050	1986650–8
	SEE FIGURE	2.625	3.135	7	8PCV–07–598	6–1546159–7
	–	2.625	3.135	7	8PCV–07–623	1–1437658–6
	–	2.625	3.135	7	8PCV–07–006	1–1437658–1
	SEE FIGURE	2.187	2.697	6	8PCV–06–050	1986650–6
	SEE FIGURE	2.187	2.697	6	8PCV–06–050	1546728–1
	SEE FIGURE	2.187	2.697	6	8PCV–06–538	6–1546159–4
	–	2.187	2.697	6	8PCV–06–006	9–1437657–8
SUPERCEDED BY 8–1437657–8	~~–~~	~~1.750~~	~~2.260~~	~~5~~	~~8PCV–05–637~~	~~9–1437657–4~~
	–	1.750	2.260	5	8PCV–05–006	8–1437657–8
SUPERCEDED BY 8–1437657–0	~~–~~	~~1.312~~	~~1.822~~	~~4~~	~~8PCV–04–636~~	~~8–1437657–3~~
	–	1.312	1.822	4	8PCV–04–006	8–1437657–0
	SEE FIGURE	.875	1.385	3	8PCV–03–662	1546728–3
	SEE FIGURE	.875	1.385	3	8PCV–03–657	1546137–1
	–	.875	1.385	3	8PCV–03–006	6–1437657–9
	–	.437	.947	2	8PCV–02–006	5–1437657–7
	–	.437	.947	2	8PCV–02–634	6–1437657–3

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DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± –
1 PLC	± –
2 PLC	± .02
3 PLC	± .010
4 PLC	± –
ANGLES	± –

MATERIAL: –

FINISH: –

DWN	S SCHLEGEL	5/15/03
CHK	S YODER	5/15/03
APVD	S YODER	5/15/03
PRODUCT SPEC	—	
APPLICATION SPEC	—	
WEIGHT	—	

TE Connectivity

NAME: 8PCV–XX–006 ASSEMBLY

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C–6–1437657–3	—

CUSTOMER DRAWING

SCALE	SHEET	REV
NTS	2 OF 2	K4