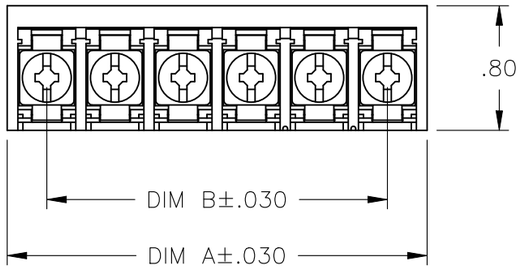
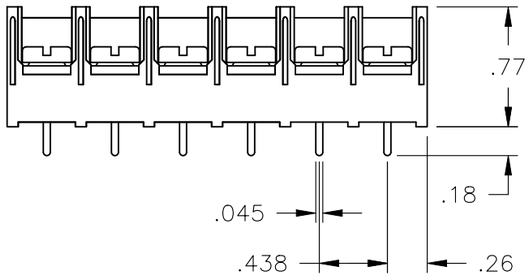
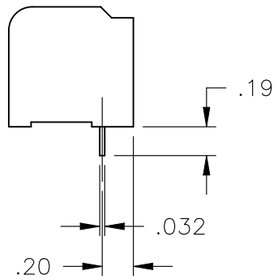
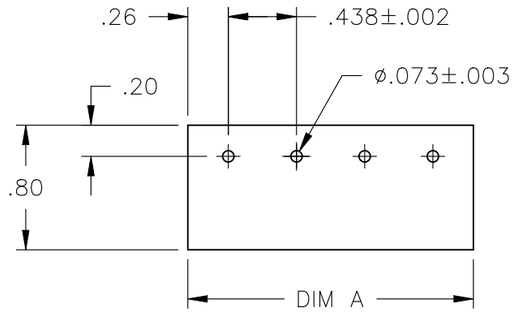
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	K6	TIGHTENING TORQUE CHANGED TO 15.94 LB-IN	14SEP2023	SP	PS









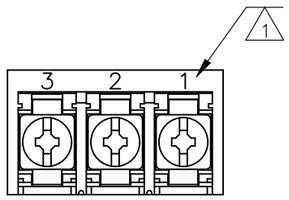
RECOMMENDED PCB LAYOUT

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

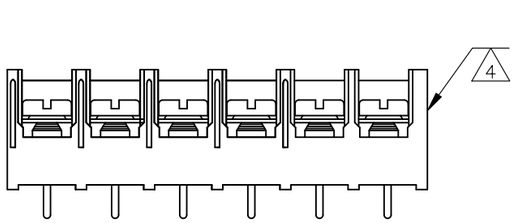
ELECTRICAL:
CURRENT RATING: 30A
VOLTAGE RATING: 600V
WIRE RANGE: 10-18 AWG (UL)
10-22 AWG (CSA)

MECHANICAL:
RECOMMENDED TIGHTENING TORQUE: 15.94 IN-LB
MAXIMUM TIGHTENING TORQUE: 20 IN-LB
OPERATING TEMP.: -40°C TO +120°C.

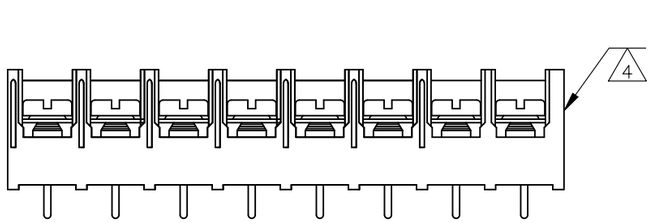
1. MARK WITH WHITE INK.
2. M4 THREAD IN TERMINAL, NO SCREWS INCLUDED.
3. ALL SCREWS TO BE BOTTOMED, EXCEPT AS NOTED.
4. SCREWS ON THIS ASSEMBLY WIRE READY.



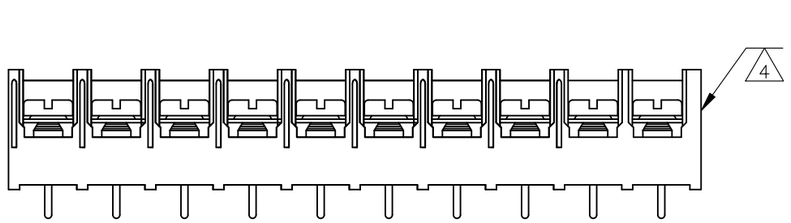
1546728-3



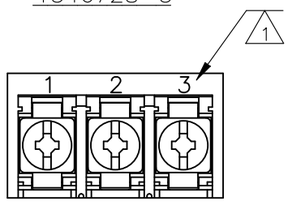
1986650-6



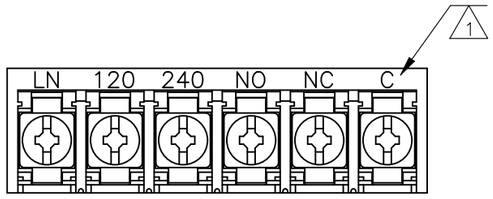
1986650-8



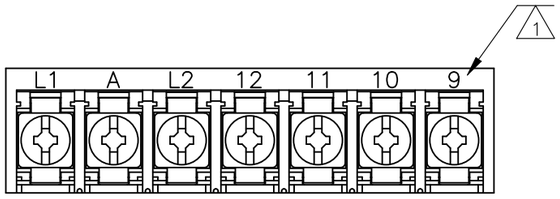
1-1986650-0



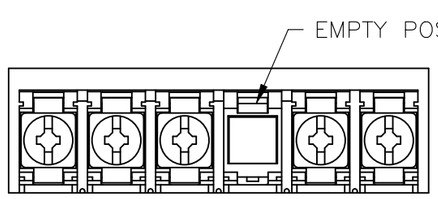
1546137-1



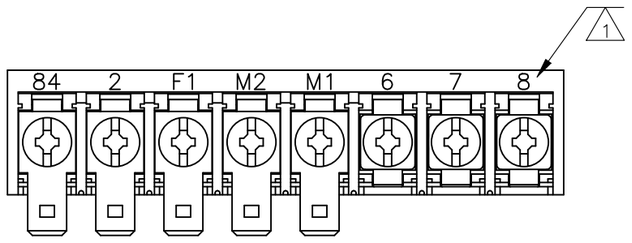
6-1546159-4



6-1546159-7



1546728-1



6-1546159-6

THIS DRAWING IS A CONTROLLED DOCUMENT.

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 Ltd.

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 K6

1470-19 (1/15)

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
OBSOLETE	~~–~~	~~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
SUPERCEDED BY 5–1437657–7	~~–~~	~~.437~~	~~.947~~	~~2~~	~~8PCV–02–634~~	~~6–1437657–3~~

THIS DRAWING IS A CONTROLLED DOCUMENT.

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 Ltd.

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	K6