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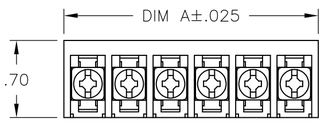
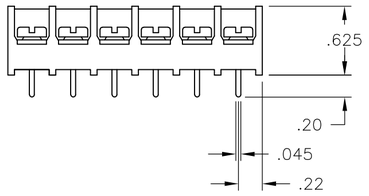
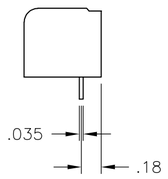
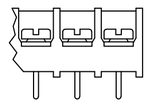
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	P	REVISED PER ECO-13-011850	13NOV2013	KH	MB

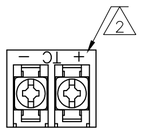








DETAIL FOR P/N's ~~1-1546160-6~~, 6 6 ~~1-1546160-7~~ AND ~~1-1546160-8~~ 6 6



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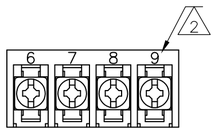

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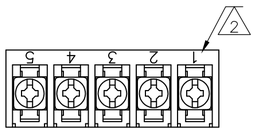

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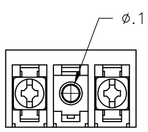

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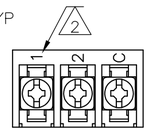

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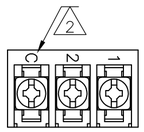

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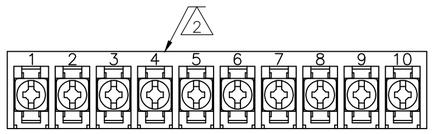

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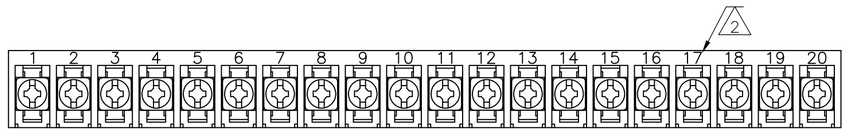

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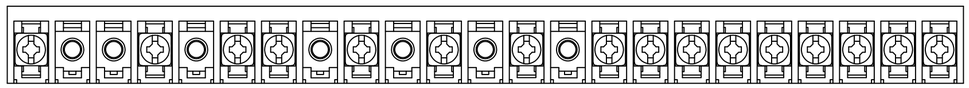

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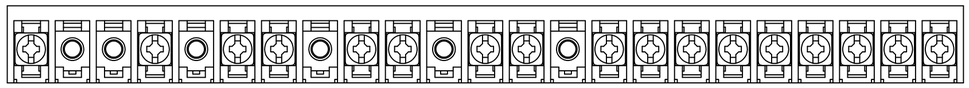

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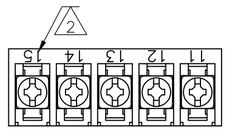

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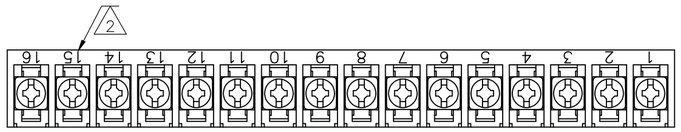

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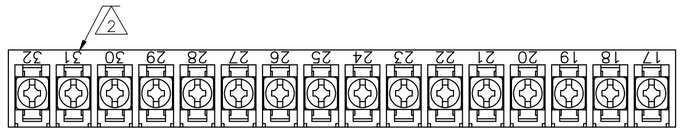

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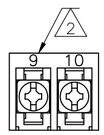

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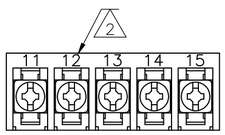

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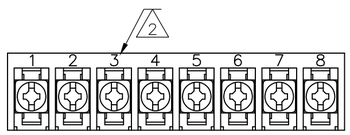
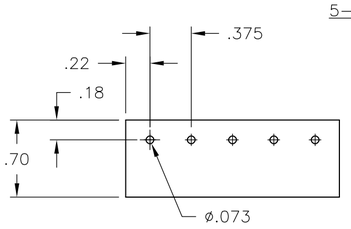


6-1546686-0

MATERIAL:
HOUSING: THERMOPLASTIC, UL94V-0 BLACK.
TERMINALS: BRIGHT TIN PLATED, COPPER ALLOY.
SCREWS: 6-32, STEEL, ZINC PLATED WITH CLEAR CHROMATE.

ELECTRICAL:
CURRENT RATING UL/CSA:
CLASS C: 25A, 300V.
CLASS D: 5A, 600V.
WIRE RANGE: 12-22 AWG

MECHANICAL:
RECOMMENDED TIGHTENING TORQUE: 7 IN-LBS.
OPERATING TEMP.: 105°C MAX



RECOMMENDED PCB LAYOUT

1 CAPTIVE SCREWS.
2 MARK WITH WHITE PERMANENT INK.
3 ALL SCREWS TO BE DRIVEN DOWN TO TERMINAL SURFACE.
4 NICKEL PLATED BRASS SCREWS.
5 PRELIMINARY PART NUMBER.
6 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

	DIM A REF	NO OF POS	CATALOG NUMBER	PART NUMBER
	11.311	30	6PCV-30-006	4-1546686-5
	10.936	29	6PCV-29-006	1-1437656-2
	10.561	28	6PCV-28-006	8-1546158-6
	10.186	27	6PCV-27-006	8-1546158-5
	9.811	26	6PCV-26-006	4-1437654-5
	9.436	25	6PCV-25-006	4-1437654-1
	9.061	24	6PCV-24-006	8-1546158-2
	8.686	23	6PCV-23-006	4-1546686-3
	8.311	22	6PCV-22-006	3-1437654-4
	7.936	21	6PCV-21-006	3-1437654-1
	7.561	20	6PCV-20-323	8-1546158-0
SEE FIGURE	7.561	20	6PCV-20-006	1-1437654-9
	7.186	19	6PCV-19-006	1-1437654-4
	6.811	18	6PCV-18-006	1437654-7
6 4 1 OBSOLETE	8.686	17	6PCV-17-899	~~1437654-2~~
SEE FIGURE	6.436	17	6PCV-17-006	9-1437653-8
OBSOLETE	6.061	16	6PCV-16-1389	~~4-1546686-9~~
SEE FIGURE OBSOLETE	6.061	16	6PCV-16-1388	~~4-1546686-8~~
SEE FIGURE	8.686	16	6PCV-16-1047	8-1437653-3
SEE FIGURE	6.061	16	6PCV-16-006	8-1437653-0
6 4 1 OBSOLETE	5.686	15	6PCV-15-1298	~~1-1546160-8~~
	5.686	15	6PCV-15-006	7-1437653-4
	5.311	14	6PCV-14-006	6-1437653-8
6 OBSOLETE	4.936	13	6PCV-13-1297	~~1-1546160-7~~
	4.936	13	6PCV-13-006	6-1437653-3
6 4 1 OBSOLETE	4.561	12	6PCV-12-1296	~~1-1546160-6~~
	4.561	12	6PCV-12-006	5-1437653-1
	4.186	11	6PCV-11-006	4-1437653-5
	3.811	10	6PCV-10-1269	3-1437653-9
SEE FIGURE	3.811	10	6PCV-10-006	3-1437653-5
4	3.436	9	6PCV-09-002	1546262-3
1	3.436	9	6PCV-09-006	2-1437653-5
4 1	3.061	8	6PCV-08-1394	1546262-7
	3.061	8	6PCV-08-1314	1-1437653-7
	3.061	8	6PCV-08-006	1-1437653-3
5 4 1	2.686	7	6PCV-07-1399	1546262-9
	2.686	7	6PCV-07-006	1437653-7
5 4 1	2.311	6	6PCV-06-1398	1546262-8
4	2.311	6	6PCV-06-002	1546262-4
	2.311	6	6PCV-06-006	9-1437652-5
4	1.936	5	6PCV-05-002	5-1546686-0
SEE FIGURE	1.936	5	6PCV-05-1267	8-1437652-5
	1.936	5	6PCV-05-006	8-1437652-2
SEE FIGURE	1.561	4	6PCV-04-1268	7-1437652-3
6 4 1 OBSOLETE	1.561	4	6PCV-04-1143	~~7-1437652-2~~
	1.561	4	6PCV-04-006	6-1437652-7
SEE FIGURE OBSOLETE	1.186	3	6PCV-03-1385	~~4-1546686-7~~
SEE FIGURE OBSOLETE	1.186	3	6PCV-03-1384	~~4-1546686-6~~
	1.186	3	6PCV-03-006	5-1437652-4
1	.811	2	6PCV-02-1393	1546262-6
SEE FIGURE OBSOLETE	1.186	2	6PCV-02-807	~~4-1546158-5~~
4 1	.811	2	6PCV-02-1313	4-1437652-5
SEE FIGURE	.811	2	6PCV-02-1216	4-1546158-4
	.811	2	6PCV-02-006	3-1437652-9

3-1437652-9

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DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± .02
3 PLC ± .010
4 PLC ± -
ANGLES ± 1°

MATERIAL -
FINISH -

DWN R BROWN	22APR03
CHK H WAKEEM	22APR03
APVD H WAKEEM	22APR03
PRODUCT SPEC	—
APPLICATION SPEC	—
WEIGHT	—

TE Connectivity

NAME 6PCV-XX-006

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-3-1437652-9	—

CUSTOMER DRAWING | SCALE 1:1 | SHEET 1 OF 2 | REV P

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FT	0

REVISIONS

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

	DIM A REF	NO OF POS	CATALOG NUMBER	PART NUMBER
	3.061	8	6PCV–08–2006	6–1546686–0
	1.936	5	6PCV–05–2006	5–1546686–9
	.811	2	6PCV–02–2006	5–1546686–8
SEE FIGURE	1.936	5	6PCV–05–006	5–1546686–7
1	1.186	3	6PCV–03–006–1	5–1546686–6

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	±	1°

MATERIAL –

FINISH –

DWN R BROWN	22APR03
CHK H WAKEEM	22APR03
APVD H WAKEEM	22APR03
PRODUCT SPEC	—
APPLICATION SPEC	—
WEIGHT	—

TE Connectivity

NAME 6PCV–XX–006

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C–3–1437652–9	—

CUSTOMER DRAWING | SCALE 1:1 | SHEET 2 OF 2 | REV P

3–1437652–9

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