

8

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LOC
DF

DIST
X5

REVISIONS

F	LTR	DESCRIPTION	DATE	DWN	APVD
C	REV PER	ECO-08-030005	13JAN2009	PK	RL

RAISED CAVITY INDENTIFICATION NUMBERS

DIM B

R.106 [2.69]
.102 [2.59] TYP

Ø.125 [3.18]
.115 [2.92] 2 PLC

DIM D

DIM E

10° TYP

DIM C

DIM A

MATING FACE

△ MARK AMP, MFG'S PART NO AND DATE CODE, FAR SIDE.

R.065 [1.65]
.040 [1.02]

DIM G

DIM L

.375 MAX [9.53]

.070 [1.78]
.030 [0.76] TYP

DIM F

SHELL, FRONT & REAR
MAT'L: STEEL PER ASTM A 109 OR EQUIVALENT
FINISH: ZINC PLATE PER ASTM-B-633 .000200 [0.0051] MIN THK WITH SUPPLEMENTARY CHROMATE (CR3+)

INSERT ASSEMBLY
MAT'L: POLYESTER PER MIL-M-24519, TYPE: GPT-30F
COLOR, BLACK OR GST-40F OR PPS PER ASTM D4067.

10° TYP

R.092 [2.34]
.062 [1.57] TYP

DIM J

DIM H

.049 [1.24] .029 [0.74]	.606 [15.39] .586 [14.88]	2.312 [58.72] 2.292 [58.22]	.238 [6.05] .229 [5.82]	.436 [11.07] .416 [10.57]	.683 [17.35] .653 [16.59]	.508 [12.90] .498 [12.65]	2.505 [63.63] 2.495 [63.37]	2.217 [56.31] 2.207 [56.06]	2.744 [69.70] 2.714 [68.94]	MS14004-1	104	6	1218746-6
.049 [1.24] .029 [0.74]	.544 [13.82] .524 [13.31]	2.188 [55.58] 2.168 [55.07]	.238 [6.05] .229 [5.82]	.436 [11.07] .416 [10.57]	.620 [15.75] .590 [14.99]	.446 [11.33] .436 [11.07]	2.411 [61.24] 2.401 [60.99]	2.084 [52.93] 2.074 [52.68]	2.650 [67.31] 2.620 [66.55]	MS18277-2	78	5	1218746-5
.049 [1.24] .029 [0.74]	.432 [10.97] .412 [10.46]	2.282 [57.96] 2.262 [57.45]	.238 [6.05] .229 [5.82]	.436 [11.07] .416 [10.57]	.509 [12.93] .479 [12.17]	.334 [8.48] .324 [8.23]	2.505 [63.63] 2.495 [63.37]	2.187 [55.55] 2.177 [55.30]	2.744 [69.70] 2.714 [68.94]	MS18276-2	62	4	1218746-4
.049 [1.24] .029 [0.74]	.432 [10.97] .412 [10.46]	1.635 [41.53] 1.615 [41.02]	.238 [6.05] .229 [5.82]	.436 [11.07] .416 [10.57]	.509 [12.93] .479 [12.17]	.334 [8.48] .324 [8.23]	1.857 [47.17] 1.847 [46.91]	1.539 [39.09] 1.529 [38.84]	2.103 [53.42] 2.073 [52.65]	MS18275-2	44	3	1218746-3
.040 [1.02] .020 [0.51]	.432 [10.97] .412 [10.46]	1.093 [27.76] 1.073 [27.25]	.238 [6.05] .229 [5.82]	.432 [10.97] .412 [10.46]	.509 [12.93] .479 [12.17]	.334 [8.48] .324 [8.23]	1.317 [33.45] 1.307 [33.20]	.999 [25.37] .989 [25.12]	1.556 [39.52] 1.526 [38.76]	MS18274-2	26	2	1218746-2
.040 [1.02] .020 [0.51]	.432 [10.97] .412 [10.46]	.769 [19.53] .749 [19.02]	.238 [6.05] .229 [5.82]	.432 [10.97] .412 [10.46]	.509 [12.93] .479 [12.17]	.334 [8.48] .324 [8.23]	.989 [25.12] .979 [24.87]	.671 [17.04] .661 [16.79]	1.228 [31.19] 1.198 [30.43]	MS18273-2	15	1	1218746-1
L	J	H	G	F	E	D	C	B	A	INSERT ARRANGEMENT	NO. OF POS	SHELL SIZE	PART NUMBER

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DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -
ANGLES ± -

MATERIAL -

FINISH -

DWN
C.C. THOMAS
CHK
R. FROSS
APVD
R. GROSS

11-10-00
11-10-00
11-10-00

NAME
Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

PRODUCT SPEC
APPLICATION SPEC

SIZE
CAGE CODE
DRAWING NO
RESTRICTED TO

WEIGHT
CUSTOMER DRAWING

SCALE
4:1

SHEET
1 OF 1

REV
C

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R.106 [2.69]
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Ø.125 [3.18]
.115 [2.92] 2 PLC

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10° TYP

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.049 [1.24] .029 [0.74]	.606 [15.39] .586 [14.88]	2.312 [58.72] 2.292 [58.22]	.238 [6.05] .229 [5.82]	.436 [11.07] .416 [10.57]	.683 [17.35] .653 [16.59]	.508 [12.90] .498 [12.65]	2.505 [63.63] 2.495 [63.37]	2.217 [56.31] 2.207 [56.06]	2.744 [69.70] 2.714 [68.94]	MS14004-1	104	6	1218746-6
.049 [1.24] .029 [0.74]	.544 [13.82] .524 [13.31]	2.188 [55.58] 2.168 [55.07]	.238 [6.05] .229 [5.82]	.436 [11.07] .416 [10.57]	.620 [15.75] .590 [14.99]	.446 [11.33] .436 [11.07]	2.411 [61.24] 2.401 [60.99]	2.084 [52.93] 2.074 [52.68]	2.650 [67.31] 2.620 [66.55]	MS18277-2	78	5	1218746-5
.049 [1.24] .029 [0.74]	.432 [10.97] .412 [10.46]	2.282 [57.96] 2.262 [57.45]	.238 [6.05] .229 [5.82]	.436 [11.07] .416 [10.57]	.509 [12.93] .479 [12.17]	.334 [8.48] .324 [8.23]	2.505 [63.63] 2.495 [63.37]	2.187 [55.55] 2.177 [55.30]	2.744 [69.70] 2.714 [68.94]	MS18276-2	62	4	1218746-4
.049 [1.24] .029 [0.74]	.432 [10.97] .412 [10.46]	1.635 [41.53] 1.615 [41.02]	.238 [6.05] .229 [5.82]	.436 [11.07] .416 [10.57]	.509 [12.93] .479 [12.17]	.334 [8.48] .324 [8.23]	1.857 [47.17] 1.847 [46.91]	1.539 [39.09] 1.529 [38.84]	2.103 [53.42] 2.073 [52.65]	MS18275-2	44	3	1218746-3
.040 [1.02] .020 [0.51]	.432 [10.97] .412 [10.46]	1.093 [27.76] 1.073 [27.25]	.238 [6.05] .229 [5.82]	.432 [10.97] .412 [10.46]	.509 [12.93] .479 [12.17]	.334 [8.48] .324 [8.23]	1.317 [33.45] 1.307 [33.20]	.999 [25.37] .989 [25.12]	1.556 [39.52] 1.526 [38.76]	MS18274-2	26	2	1218746-2
.040 [1.02] .020 [0.51]	.432 [10.97] .412 [10.46]	.769 [19.53] .749 [19.02]	.238 [6.05] .229 [5.82]	.432 [10.97] .412 [10.46]	.509 [12.93] .479 [12.17]	.334 [8.48] .324 [8.23]	.989 [25.12] .979 [24.87]	.671 [17.04] .661 [16.79]	1.228 [31.19] 1.198 [30.43]	MS18273-2	15	1	1218746-1
L	J	H	G	F	E	D	C	B	A	INSERT ARRANGEMENT	NO. OF POS	SHELL SIZE	PART NUMBER

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DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -
ANGLES ± -

MATERIAL -

FINISH -

DWN
C.C. THOMAS
CHK
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11-10-00
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NAME
Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

PRODUCT SPEC
APPLICATION SPEC

SIZE
CAGE CODE
DRAWING NO
RESTRICTED TO

WEIGHT
CUSTOMER DRAWING

SCALE
4:1

SHEET
1 OF 1

REV
C

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LOC
DF

DIST
X5

REVISIONS

F	LTR	DESCRIPTION	DATE	DWN	APVD
C	REV PER	ECO-08-030005	13JAN2009	PK	RL

RAISED CAVITY INDENTIFICATION NUMBERS

DIM B

R.106 [2.69]
.102 [2.59] TYP

Ø.125 [3.18]
.115 [2.92] 2 PLC

DIM D

DIM E

10° TYP

DIM C

DIM A

MATING FACE

△ MARK AMP, MFG'S PART NO AND DATE CODE, FAR SIDE.

R.065 [1.65]
.040 [1.02]

DIM G

DIM L

.375 MAX [9.53]

.070 [1.78]
.030 [0.76] TYP

DIM F

SHELL, FRONT & REAR
MAT'L: STEEL PER ASTM A 109 OR EQUIVALENT
FINISH: ZINC PLATE PER ASTM-B-633 .000200 [0.0051] MIN THK WITH SUPPLEMENTARY CHROMATE (CR3+)

INSERT ASSEMBLY
MAT'L: POLYESTER PER MIL-M-24519, TYPE: GPT-30F
COLOR, BLACK OR GST-40F OR PPS PER ASTM D4067.

10° TYP

R.092 [2.34]
.062 [1.57] TYP

DIM J

DIM H

.049 [1.24] .029 [0.74]	.606 [15.39] .586 [14.88]	2.312 [58.72] 2.292 [58.22]	.238 [6.05] .229 [5.82]	.436 [11.07] .416 [10.57]	.683 [17.35] .653 [16.59]	.508 [12.90] .498 [12.65]	2.505 [63.63] 2.495 [63.37]	2.217 [56.31] 2.207 [56.06]	2.744 [69.70] 2.714 [68.94]	MS14004-1	104	6	1218746-6
.049 [1.24] .029 [0.74]	.544 [13.82] .524 [13.31]	2.188 [55.58] 2.168 [55.07]	.238 [6.05] .229 [5.82]	.436 [11.07] .416 [10.57]	.620 [15.75] .590 [14.99]	.446 [11.33] .436 [11.07]	2.411 [61.24] 2.401 [60.99]	2.084 [52.93] 2.074 [52.68]	2.650 [67.31] 2.620 [66.55]	MS18277-2	78	5	1218746-5
.049 [1.24] .029 [0.74]	.432 [10.97] .412 [10.46]	2.282 [57.96] 2.262 [57.45]	.238 [6.05] .229 [5.82]	.436 [11.07] .416 [10.57]	.509 [12.93] .479 [12.17]	.334 [8.48] .324 [8.23]	2.505 [63.63] 2.495 [63.37]	2.187 [55.55] 2.177 [55.30]	2.744 [69.70] 2.714 [68.94]	MS18276-2	62	4	1218746-4
.049 [1.24] .029 [0.74]	.432 [10.97] .412 [10.46]	1.635 [41.53] 1.615 [41.02]	.238 [6.05] .229 [5.82]	.436 [11.07] .416 [10.57]	.509 [12.93] .479 [12.17]	.334 [8.48] .324 [8.23]	1.857 [47.17] 1.847 [46.91]	1.539 [39.09] 1.529 [38.84]	2.103 [53.42] 2.073 [52.65]	MS18275-2	44	3	1218746-3
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L	J	H	G	F	E	D	C	B	A	INSERT ARRANGEMENT	NO. OF POS	SHELL SIZE	PART NUMBER

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DWN
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NAME
Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

PRODUCT SPEC
APPLICATION SPEC

SIZE
CAGE CODE
DRAWING NO
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WEIGHT
CUSTOMER DRAWING

SCALE
4:1

SHEET
1 OF 1

REV
C

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F	LTR	DESCRIPTION	DATE	DWN	APVD
C	REV PER	ECO-08-030005	13JAN2009	PK	RL

RAISED CAVITY INDENTIFICATION NUMBERS

DIM B

R.106 [2.69]
.102 [2.59] TYP

Ø.125 [3.18]
.115 [2.92] 2 PLC

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SHELL, FRONT & REAR
MAT'L: STEEL PER ASTM A 109 OR EQUIVALENT
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Mouser Electronics

Authorized Distributor

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[1218746-2](#)