

8

7

6

5

4

3

2

1

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LOC

DIST

REV

PER

ECO

15-006633

DATE

5-11-15

DWN

CT

APVD

DM

1. THIS CONNECTOR ASSEMBLY IS SUPPLIED WITH METAL CONTACT RETENTION CLIPS INSTALLED IN THE INSERT ASSEMBLY.

2. THIS CONNECTOR ASSEMBLY MEETS THE REQUIREMENTS OF LORAL SPEC 010772 AND MATES WITH ANY RECEPTACLE CONNECTOR WITH SAME INSERT ARRANGEMENT.

3. MARK WITH .047 [1.19]-.062 [1.57] HIGH CHARACTERS. FAR SIDE REFERS TO THE WIDE SIDE OF THE KEYSTONE. NEAR SIDE REFERS TO THE NARROW SIDE OF THE KEYSTONE. IF THE REAR SHELL IS TOO SMALL FOR THE ENTIRE CUSTOMER PART NUMBER, MARKING SHALL BE LOCATED AS FOLLOWS:

A. "B010772" ON FRONT SHELL, FAR SIDE.

B. CUSTOMER BASE NUMBER ON FRONT SHELL, NEAR SIDE.

C. "AMP" AND DATE CODE ON FRONT SHELL, NEAR SIDE.

D. AMP PART NUMBER ON REAR SHELL, NEAR SIDE.

4. DIMENSIONS ARE .155 [3.94] MINIMUM FULL PIN DIAMETER EXTENSION (SIZES 3 THRU 6) AND .164 [4.17] MINIMUM FULL PIN DIAMETER EXTENTION (SIZES 1 AND 2).

5. MAXIMUM WIRE INSULATION TO BE USED WITH THIS CONNECTOR ASSEMBLY IS .072 [1.83] DIAMETER.

6. FOR CONTACT CRIMPING INSTRUCTION SHEET REFER TO AMP IS 7516. FOR CONTACT INSTALLATION AND REMOVAL INSTRUCTION SHEET REFER TO AMP IS 7508.

7. DIMENSIONS AND TOLERANCES PER ANSI Y14.5M-1982.

8. THIS DRAWING SHALL BE INTERPRETED IN ACCORDANCE WITH APPLICABLE STANDARDS LISTED IN MIL-STD-100.

PRELIMINARY — NOT RELEASED FOR PRODUCTION	.040 .020 [1.02 0.51]	.432 .412 [10.97 10.46]	1.093 1.073 [27.76 27.25]	.241 .229 [6.12 5.82]	.432 .412 [10.97 10.46]	.509 .479 [12.93 12.17]	.334 .324 [8.48 8.23]	1.317 1.307 [33.45 33.20]	.999 .989 [25.37 25.12]	1.556 1.526 [39.52 38.76]	MS18274-1	15	2	B010772-0044	3-448815-2	3-448815-2
PRELIMINARY — NOT RELEASED FOR PRODUCTION	.049 .029 [1.24 0.74]	.544 .524 [13.82 13.31]	2.188 2.168 [55.58 55.07]	.236 .224 [5.99 5.69]	.436 .416 [11.07 10.57]	.620 .590 [15.75 14.99]	.441 .431 [11.20 10.95]	2.411 2.401 [61.24 60.99]	2.084 2.074 [52.93 52.68]	2.650 2.620 [67.31 66.55]	MS18277-1	50	5	B010772-0031	1-448815-5	1-448815-5
		.432 .412 [10.97 10.46]	1.635 1.615 [41.53 41.02]					1.093 1.073 [27.76 27.25]	1.857 1.847 [47.17 46.91]	1.539 1.529 [39.09 38.84]	2.103 2.073 [53.42 52.65]	MS18276-1	37	4	B010772-0029	1-448815-4
.040 .020 [1.02 0.51]	.544 .524 [13.82 13.31]		2.188 2.168 [55.58 55.07]	.236 .224 [5.99 5.69]	.436 .416 [11.07 10.57]	.509 .479 [12.93 12.17]	.334 .324 [8.48 8.23]	1.317 1.307 [33.45 33.20]	.999 .989 [25.37 25.12]	1.556 1.526 [39.52 38.76]	MS18275-1	25	3	B010772-0027	1-448815-3	1-448815-3
		1.635 1.615 [41.53 41.02]						1.093 1.073 [27.76 27.25]	1.847 1.837 [46.91 46.65]	1.529 1.519 [38.84 38.58]	2.073 2.043 [52.65 51.89]	MS18274-1	15	2	B010772-0025	1-448815-2
.049 .029 [1.24 0.74]	.544 .524 [13.82 13.31]	2.188 2.168 [55.58 55.07]	.236 .224 [5.99 5.69]	.436 .416 [11.07 10.57]	.509 .479 [12.93 12.17]	.334 .324 [8.48 8.23]	2.411 2.401 [61.24 60.99]	2.084 2.074 [52.93 52.68]	2.650 2.620 [67.31 66.55]	MS18273-1	9	1	B010772-0023	1-448815-1	1-448815-1	
							1.635 1.615 [41.53 41.02]	1.093 1.073 [27.76 27.25]	1.857 1.847 [47.17 46.91]	1.539 1.529 [39.09 38.84]	2.103 2.073 [53.42 52.65]	MS18277-1	50	5	A010772-0009	1-448815-0
.040 .020 [1.02 0.51]	.544 .524 [13.82 13.31]	2.188 2.168 [55.58 55.07]	.236 .224 [5.99 5.69]	.436 .416 [11.07 10.57]	.509 .479 [12.93 12.17]	.334 .324 [8.48 8.23]	2.505 2.495 [63.63 63.37]	2.187 2.177 [55.55 55.30]	2.744 2.714 [69.70 68.94]	MS18276-1	37	4	A010772-0007	448815-9	448815-9	
							1.635 1.615 [41.53 41.02]	1.093 1.073 [27.76 27.25]	1.857 1.847 [47.17 46.91]	1.539 1.529 [39.09 38.84]	2.103 2.073 [53.42 52.65]	MS18275-1	25	3	A010772-0005	448815-8
.049 .029 [1.24 0.74]	.544 .524 [13.82 13.31]	2.188 2.168 [55.58 55.07]	.236 .224 [5.99 5.69]	.436 .416 [11.07 10.57]	.509 .479 [12.93 12.17]	.334 .324 [8.48 8.23]	1.317 1.307 [33.45 33.20]	.999 .989 [25.37 25.12]	1.556 1.526 [39.52 38.76]	MS18274-1	15	2	A010772-0003	448815-7	448815-7	
							1.635 1.615 [41.53 41.02]	1.093 1.073 [27.76 27.25]	1.847 1.837 [46.91 46.65]	1.529 1.519 [38.84 38.58]	2.073 2.043 [52.65 51.89]	MS18273-1	9	1	A010772-0001	448815-6
.040 .020 [1.02 0.51]	.544 .524 [13.82 13.31]	2.188 2.168 [55.58 55.07]	.236 .224 [5.99 5.69]	.436 .416 [11.07 10.57]	.509 .479 [12.93 12.17]	.334 .324 [8.48 8.23]	2.411 2.401 [61.24 60.99]	2.084 2.074 [52.93 52.68]	2.650 2.620 [67.31 66.55]	MS18277-1	50	5	B010772-0009	448815-5	448815-5	
							1.635 1.615 [41.53 41.02]	1.093 1.073 [27.76 27.25]	1.857 1.847 [47.17 46.91]	1.539 1.529 [39.09 38.84]	2.103 2.073 [53.42 52.65]	MS18276-1	37	4	B010772-0007	448815-4
.049 .029 [1.24 0.74]	.544 .524 [13.82 13.31]	2.188 2.168 [55.58 55.07]	.236 .224 [5.99 5.69]	.436 .416 [11.07 10.57]	.509 .479 [12.93 12.17]	.334 .324 [8.48 8.23]	2.505 2.495 [63.63 63.37]	2.187 2.177 [55.55 55.30]	2.744 2.714 [69.70 68.94]	MS18275-1	25	3	B010772-0005	448815-3	448815-3	
							1.635 1.615 [41.53 41.02]	1.093 1.073 [27.76 27.25]	1.857 1.847 [47.17 46.91]	1.539 1.529 [39.09 38.84]	2.103 2.073 [53.42 52.65]	MS18274-1	15	2	B010772-0003	448815-2
.040 .020 [1.02 0.51]	.544 .524 [13.82 13.31]	2.188 2.168 [55.58 55.07]	.236 .224 [5.99 5.69]	.436 .416 [11.07 10.57]	.509 .479 [12.93 12.17]	.334 .324 [8.48 8.23]	1.317 1.307 [33.45 33.20]	.999 .989 [25.37 25.12]	1.556 1.526 [39.52 38.76]	MS18273-1	9	1	B010772-0001	448815-1	448815-1	
							1.635 1.615 [41.53 41.02]	1.093 1.073 [27.76 27.25]	1.847 1.837 [46.91 46.65]	1.529 1.519 [38.84 38.58]	2.073 2.043 [52.65 51.89]					
L	J	H	G	F	E	D	C	B	A	INSERT ARRANGEMENT	NO OF POS	SHELL SIZE	CUSTOMER P/N ON CONNECTOR	AMP P/N ON CONNECTOR	PART NUMBER	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ± .005
1 PLC ± .003
2 PLC ± .002
3 PLC ± .001
4 PLC ± .0005
ANGLES ± .1°

MATERIAL
SEE CALLOUTS

FINISH
SEE CALLOUTS

DWN
AJ GRAFF
2-11-93

CHK
F. KINSEY
2-17-93

APVD
F. KINSEY
2-17-93

NAME

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

SIZE
A1

CAGE CODE
00779

DRAWING NO
448815

RESTRICTED TO

CUSTOMER DRAWING

SCALE
4:1

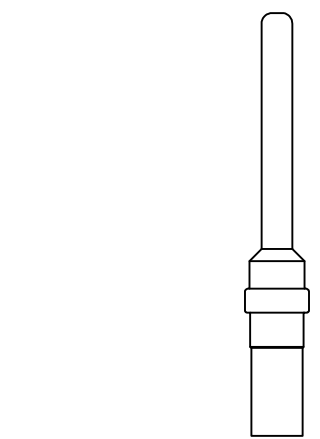
SHEET
1 OF 2

REV
E

TE Connectivity

AMPLIMITE NONMAGNETIC PLUG ASSY
WITH SIZE 20 CRIMP TYPE PIN CONTACTS
SERIES 109, SHELL SIZES 1 THRU 5

4805 (3/11)



MARK AMP PART NO AND DATE CODE, FAR SIDE.

SHELL, FRONT
MATL: BRASS ALLOY PER ASTM B 36
FINISH: GOLD PLATED IN ACCORDANCE WITH MIL-G-45204, TYPE II, GRADE C, CLASS 1 OVER COPPER IN ACCORDANCE WITH MIL-C-14550.

GROMMET, REAR
MATL: SILICONE RUBBER PER IAW ZZ-R-765, CLASS 3a, GRADE 50 COLOR: RED FOR 448815-1 THRU -10 AND -32 ONLY

INSERT ASSY MATERIAL PER MIL-DTL-24308

SHELL, REAR
MATL: BRASS ALLOY PER ASTM B 36
FINISH: GOLD PLATED IN ACCORDANCE WITH MIL-G-45204, TYPE II, GRADE C, CLASS 1 OVER COPPER IN ACCORDANCE WITH MIL-C-14550.

MARK CUSTOMER PART NO, FAR SIDE.

DIMENSIONS:
G
F
L
.375 MAX [9.53]
.125 REF [3.18]
.220
[5.59] MAX
-.070 [1.78] TYP
.040 [1.02]

ORIENTATION:
Z

4805 (3/11)



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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