

8

7

6

5

4

3

2

1

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LOC

DIST

F

LTR

DESCRIPTION

DATE

DWN

APVD

—

—

G

REV PER ECO 15—005906

5—19—15

CT

DM

RAISED CAVITY
IDENTIFICATION NUMBERS

DIM B

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

Ø.125 [3.18]
.115 [2.92] 2 PLC

DIM E

10° TYP

DIM C

MATING FACE

DIM A

△ MARK MFG'S(NAME, BRAND OR LOGO),
MFG'S PART NO AND DATE CODE,
FAR SIDE.

R.065 [1.65]
.040 [1.02]

DIM L

DIM G

.375 MAX [9.53]

.070 [1.78]
.030 [0.76] TYP

INSERT ASSY
MATERIAL PER MIL-DTL-24308

10° TYP

DIM J

DIM H

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

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

INTERFACIAL SEAL

1

13

14

25

.500 [12.70] REF

.125 [3.17]

GROMMET
MAT'L: SILICONE RUBBER

VIEW FOR 1218748-6 THRU -10 ONLY

PRELIMINARY NOT RELEASED FOR PRODUCTION	WITH GROMMET & INTERFACIAL SEAL	.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]	.6124 [52.93] 2.074 [52.68]	2.084 [52.93] 2.074 [52.68]	2.650 [67.31] 2.620 [66.55]	MS18277-1	50	5	1-1218748-0
PRELIMINARY NOT RELEASED FOR PRODUCTION	WITH GROMMET & INTERFACIAL SEAL	.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]	MS18276-1	37	4	1218748-9	
PRELIMINARY NOT RELEASED FOR PRODUCTION	WITH GROMMET & INTERFACIAL SEAL	.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]	MS18275-1	25	3	1218748-8	
PRELIMINARY NOT RELEASED FOR PRODUCTION	WITH GROMMET & INTERFACIAL SEAL	.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]	MS18274-1	15	2	1218748-7	
PRELIMINARY NOT RELEASED FOR PRODUCTION	WITH GROMMET & INTERFACIAL SEAL	.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]	MS18273-1	9	1	1218748-6	
—	—	.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]	.6124 [52.93] 2.074 [52.68]	2.084 [52.93] 2.074 [52.68]	2.650 [67.31] 2.620 [66.55]	MS18277-1	50	5	1218748-5
—	—	.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]	MS18276-1	37	4	1218748-4	
—	—	.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]	MS18275-1	25	3	1218748-3	
—	—	.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]	MS18274-1	15	2	1218748-2	
—	—	.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]	MS18273-1	9	1	1218748-1	
REMARKS	L	J	H	G	F	E	D	C	B	A	INSERT ARRANGEMENT	NO OF POS	SHELL SIZE	PART NUMBER		

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

MATERIAL SEE CALLOUTS

FINISH SEE CALLOUTS

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN C.C.THOMAS 11-10-00
CHK R.GROSS 11-10-00
APVD R.GROSS 11-10-00
PRODUCT SPEC
APPLICATION SPEC
WEIGHT —

CUSTOMER DRAWING

SCALE 4:1

SHEET 1 OF 1

REV G

TE Connectivity

PLUG ASSY,AMPLIMITE,SERIES 109,
SIZE 20,ZINC PLATED

SIZE CAGE CODE DRAWING NO RESTRICTED TO
A1 00779 1218748

4805 (3/11)

Authorized Distribution Brand :



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