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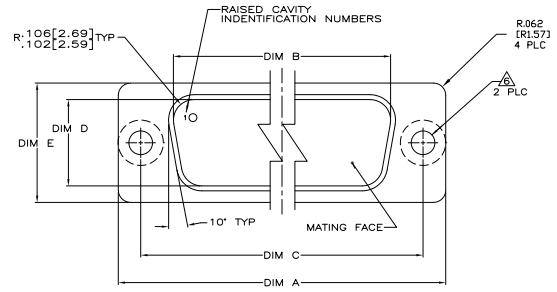
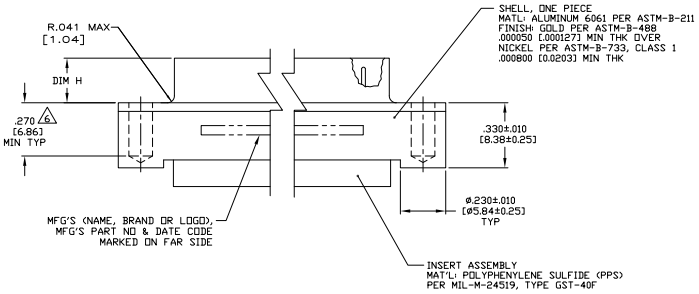
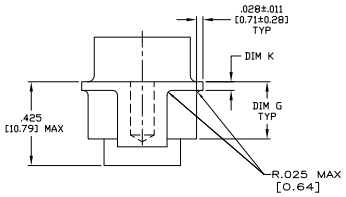
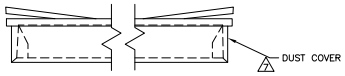
REVISIONS					
LTR	DESCRIPTION	DATE	DWN	APVD
D	REV PER ECO 09-014927	6-24-09	CT	DM

1. CONNECTOR (S) WILL BE TESTED IN ACCORDANCE WITH GROUP A INSPECTION OF NASA SPEC S-311-P-4, RESIDUAL MAGNETISM IS NOT REQUIRED.
2. THIS CONNECTOR ASSEMBLY MATES WITH ANY MIL-PRF-24308 RECEPTACLE CONNECTOR WITH SAME INSERT ARRANGEMENT.
3. MARKED 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 SHELL IS TOO SMALL FOR ALL THE INFORMATION THEN MARKING MAY BE SPLIT BETWEEN FRONT AND REAR, FAR SIDE.
4. RETENTION SPRING MATERIAL: BERYLLIUM COPPER PER ASTM B 194.
5. THIS DRAWING SHALL BE INTERPRETED IN ACCORDANCE WITH APPLICABLE STANDARDS LISTED IN MIL-STD-100.
6. .112-40UNC-2B HELICOIL INSERT PER NAS1130-04-15. NO PLATING IS REQUIRED PRIOR TO OR POST INSTALLATION OF THE HELICOIL INSERT.
7. A DUST COVER IS ASSEMBLED ON EACH CONNECTOR.









K	H	G±.010 [±0.25]	E	D	C	B	A	INSERT ARRANGEMENT	NO OF POS	SHELL SIZE	MFG'S PART NUMBER
.044 [1.12]	.236 [5.99] .224 [5.69]	.299 [7.59]	.610 [15.49] .600 [15.24]	.446 [11.33] .436 [11.07]	2.411 [61.24] 2.401 [60.99]	2.084 [52.93] 2.074 [52.68]	2.640 [67.06] 2.630 [66.80]	MS18277-2	78	5	1883055-5
.044 [1.12]	.236 [5.99] .224 [5.69]	.299 [7.59]	.499 [12.67] .489 [12.42]	.334 [8.48] .324 [8.23]	2.505 [63.63] 2.495 [63.37]	2.187 [55.55] 2.177 [55.30]	2.734 [69.44] 2.724 [69.20]	MS18276-2	62	4	1883055-4
.044 [1.12]	.236 [5.99] .224 [5.69]	.299 [7.59]	.499 [12.67] .489 [12.42]	.334 [8.48] .324 [8.23]	1.857 [47.17] 1.847 [46.91]	1.539 [39.09] 1.529 [38.84]	2.093 [53.16] 2.083 [52.91]	MS18275-2	44	3	1883055-3
.035 [0.89]	.241 [6.12] .229 [5.82]	.294 [7.47]	.499 [12.67] .489 [12.42]	.334 [8.48] .324 [8.23]	1.317 [33.45] 1.307 [33.20]	.999 [25.37] .989 [25.12]	1.546 [39.27] 1.536 [39.01]	MS18274-2	26	2	1883055-2
.035 [0.89]	.241 [6.12] .229 [5.82]	.294 [7.47]	.499 [12.67] .489 [12.42]	.334 [8.48] .324 [8.23]	.989 [25.12] .979 [24.87]	.671 [17.04] .661 [16.79]	1.218 [30.94] 1.208 [30.68]	MS18273-2	15	1	1883055-1

THIS DRAWING IS A CONTROLLED DOCUMENT.
DIMENSIONS: INCHES
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± –; 1 PLC ± –; 2 PLC ± –; 3 PLC ± .005[0.13]; 4 PLC ± –; ANGLES ± –
MATERIAL: SEE CALLOUT
FINISH: SEE CALLOUT

DSN	C.C.THOMAS	10-24-08
CHK	D.MILLER	10-25-08
APVD	D.MILLER	10-24-08
PRODUCT SPEC	—	
APPLICATION SPEC	—	
WEIGHT	—	

Tyco Electronics Corporation, Harrisburg, PA 17105-3608

NAME: AMPLIMITE PLUG ASSEMBLY SERIES 90,CRIMP, ONE PIECE SHELL SIZE 1 THRU 5

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1883055	—

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 1 | REV D

AMP 4805 REV 31MAR2000

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