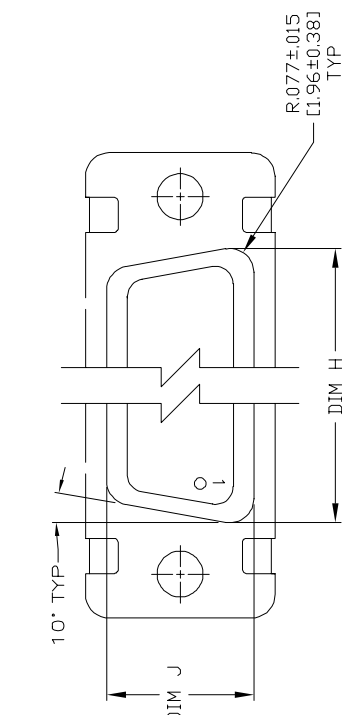
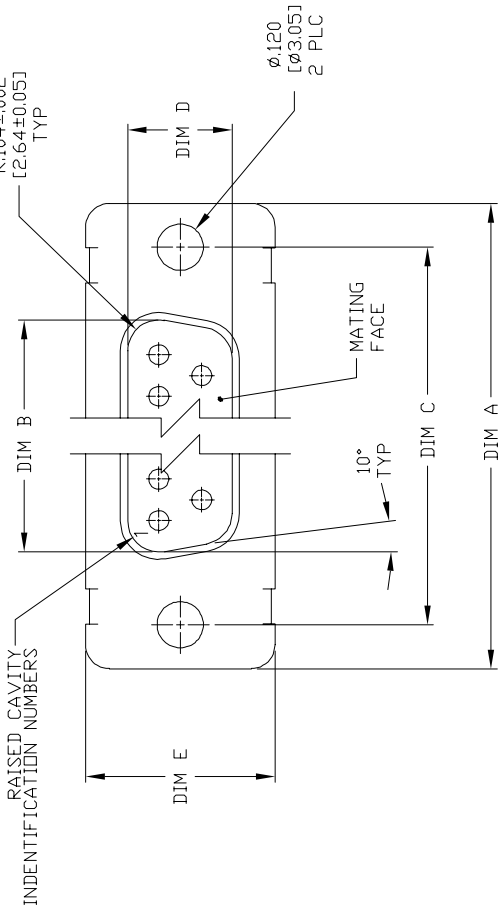
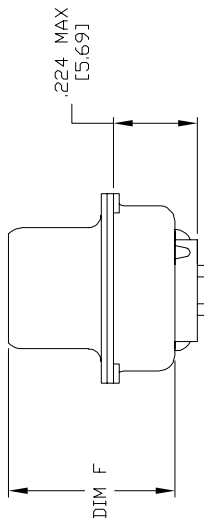
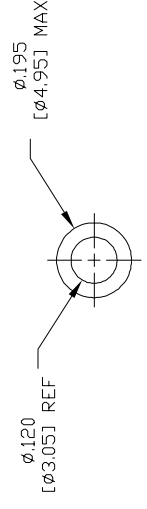




VIEW Z-Z

- SEE SHEET 2 FOR RECOMMENDED P.C. BOARD LAYOUT, TRUE POSITION TOLERANCE FOR P.C. BOARD LAYOUT IS .010 [0.25] AT MAX MATERIAL CONDITION. SUGGESTED BOARD THICKNESS IS .062 [1.57] MIL-C-24308 AND MATE WITH ANY PLUG CONNECTOR WITH SAME INSERT ARRANGEMENT.
- 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 THE ENTIRE MARKING MARKING SHALL BE SPLIT AS FOLLOWS:
A. *M24308* ON FRONT SHELL, FAR SIDE.
B. SLASH SHEET AND DASH NUMBER ON REAR SHELL, FAR SIDE.
C. *MFG'S* (NAME, BRAND OR LOGO) AND DATE CODE ON FRONT SHELL, NEAR SIDE.
D. MFG'S PART NUMBER ON REAR SHELL, NEAR SIDE.
- REQUIREMENT FOR FULL PIN DIAMETER EXTENSION:
.159 [4.04] MIN FOR SHELL SIZE 1 THRU 2; .150 [3.81] MIN FOR SHELL SIZE 3, 4 & 5.
SOLDER DIPPED PER J-STD-001 WITH Sn63 SOLDER PER J-STD-006 IN THE ENTIRE AREA OF DIMENSION SHOWN. (1757829-6 THRU -10 ONLY.)
MEETS SOLDERABILITY PER MIL-STD-202 METHOD 208.
- SPACERS (QTY = 2) ARE SUPPLIED WITH CONNECTOR; NOT ATTACHED.

MFG'S (NAME, BRAND OR LOGO), MFG'S PART NO. AND DATE CODE MARKED ON FAR SIDE
R .065 [1.65] .040 [1.02]
SHELL, FRONT & REAR
MATL: STEEL PER ASTM A 109
OR EQUIVALENT
FINISH: ZINC PLATED .000200 [0.0051] MIN
THK PER ASTM-B-633; YELLOW CHROMATE



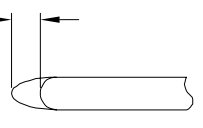
SEE DETAIL K

CONTACT (QTY = NO. OF POSN)
MATL: BRASS PER ASTM-B-16, OR BERYLLIUM
COPPER PER ASTM-B-194
FINISH: GOLD PER ASTM-B-488, TYPE II,
GRADE C, CLASS 1.27 IN CONTACT MATING AREA,
.000010 [0.0003] MIN THK GOLD PER ASTM-B-488
OVER .000050 [0.0013] MIN THK NICKEL
PER SAE-AMS-QQ-N-290 ON CONTACT BODY

MILITARY PART NO.
MARKED ON FAR SIDE
Ø.030±.003 [0.76±0.08] TYP
INSERT
MATL: POLYPHENYLENE SULFIDE (PPS)
TYPE: GST-40F PER MIL-M-24519,
OR POLYESTER PER MIL-M-24519,
TYPE: GLCP-30F
COLOR: BLACK

OBSOLETE	049 .029	124 .074	544 .324	1382 .812	2188 .1382	5558 .3507	236 .152	529 .339	436 .276	1107 .699	620 .389	1575 .979	446 .276	1133 .699	2411 .149	6124 .389	2084 .129	5293 .329	2650 .163	MS18277-1	50	5	M24308/24-11Z	1757829-5	1-1757829-0
OBSOLETE	049 .029	124 .074	544 .324	1382 .812	2188 .1382	5558 .3507	236 .152	529 .339	436 .276	1107 .699	620 .389	1575 .979	446 .276	1133 .699	2411 .149	6124 .389	2084 .129	5293 .329	2650 .163	MS18276-1	37	4	M24308/24-10Z	1757829-4	1757829-9
OBSOLETE	049 .029	124 .074	544 .324	1382 .812	2188 .1382	5558 .3507	236 .152	529 .339	436 .276	1107 .699	620 .389	1575 .979	446 .276	1133 .699	2411 .149	6124 .389	2084 .129	5293 .329	2650 .163	MS18275-1	25	3	M24308/24-9Z	1757829-3	1757829-8
OBSOLETE	040 .020	102 .051	432 .264	1097 .673	1093 .673	2776 .172	238 .148	605 .375	432 .264	1097 .673	1097 .673	2776 .172	238 .148	605 .375	432 .264	1097 .673	1097 .673	2776 .172	238 .148	MS18274-1	15	2	M24308/24-8Z	1757829-2	1757829-7
OBSOLETE	040 .020	102 .051	432 .264	1097 .673	1093 .673	2776 .172	238 .148	605 .375	432 .264	1097 .673	1097 .673	2776 .172	238 .148	605 .375	432 .264	1097 .673	1097 .673	2776 .172	238 .148	MS18273-1	9	1	M24308/24-7Z	1757829-1	1757829-6
OBSOLETE	049 .029	124 .074	544 .324	1382 .812	2188 .1382	5558 .3507	236 .152	529 .339	436 .276	1107 .699	620 .389	1575 .979	446 .276	1133 .699	2411 .149	6124 .389	2084 .129	5293 .329	2650 .163	MS18277-1	50	5	M24308/24-11Z	1757829-5	1757829-0
OBSOLETE	049 .029	124 .074	544 .324	1382 .812	2188 .1382	5558 .3507	236 .152	529 .339	436 .276	1107 .699	620 .389	1575 .979	446 .276	1133 .699	2411 .149	6124 .389	2084 .129	5293 .329	2650 .163	MS18276-1	37	4	M24308/24-10Z	1757829-4	1757829-9
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EXTENSION PERMISSIBLE
DUE TO SOLDER DIPPING
Ø.030
[0.76] MAX



DETAIL K
SCALE 10:1
FOR 1757829-6 THRU -10 ONLY

WARNING - THIS DOCUMENT CONTAINS TECHNOLOGY WHOSE EXPORT IS RESTRICTED BY THE EXPORT ADMINISTRATION REGULATIONS ('EAR') PURSUANT TO 15 C.F.R. PARTS 730-774. VIOLATIONS OF THE EAR ARE SUBJECT TO SEVERE CRIMINAL PENALTIES UNDER THE EXPORT CONTROL REFORM ACT, AS AMENDED (TITLE 50, U.S.C., SEC. 4801, ET SEQ.).

STE

TE Connectivity

PLUG ASSEMBLY AMPULITE POSTED
SERIES 109 SIZE 1 THRU 5

SIZE
A1 00779

DRAWING NO
1757829

RESTRICTED TO
—

SCALE
4:1

SHEET
1

OF
2

