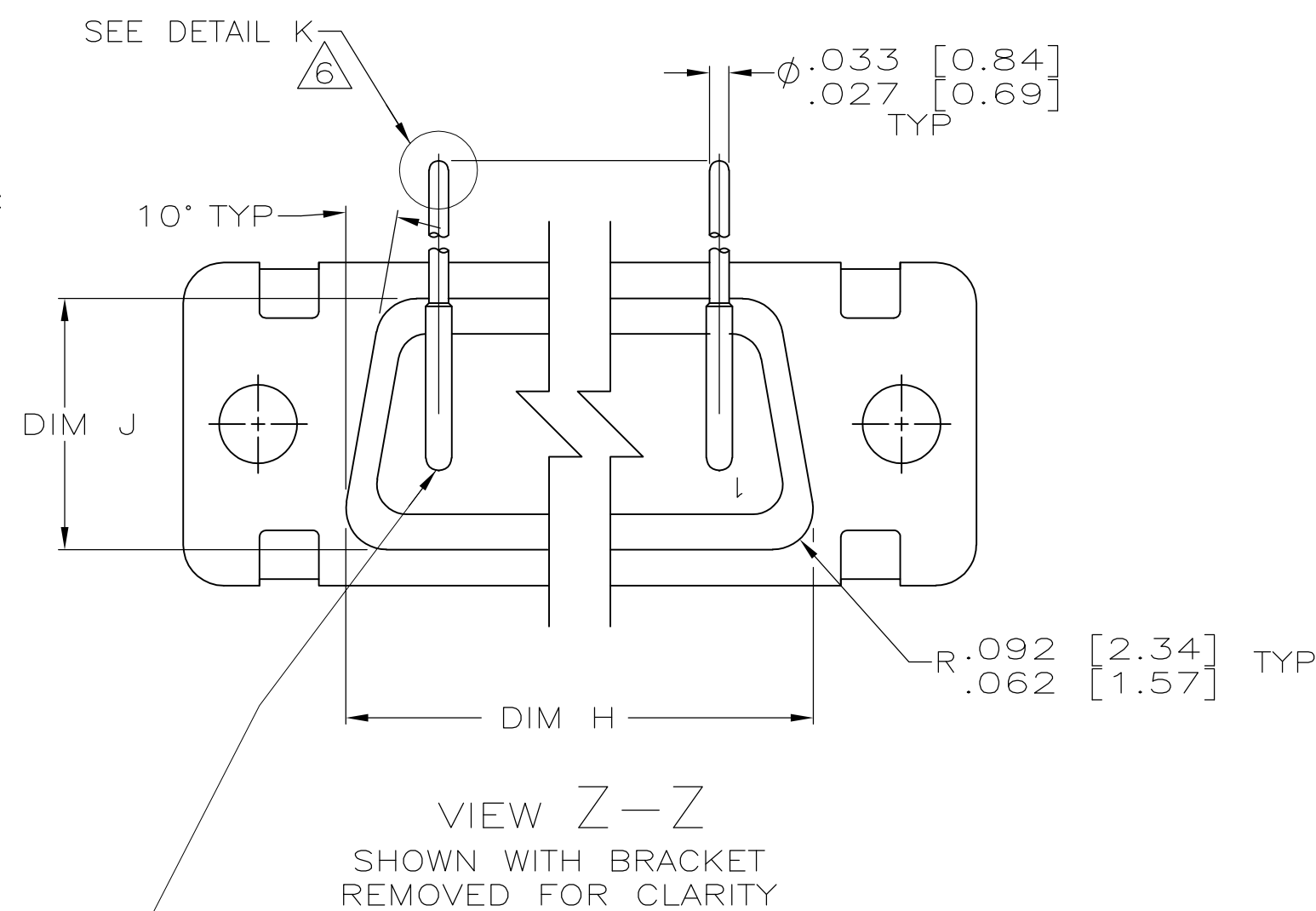
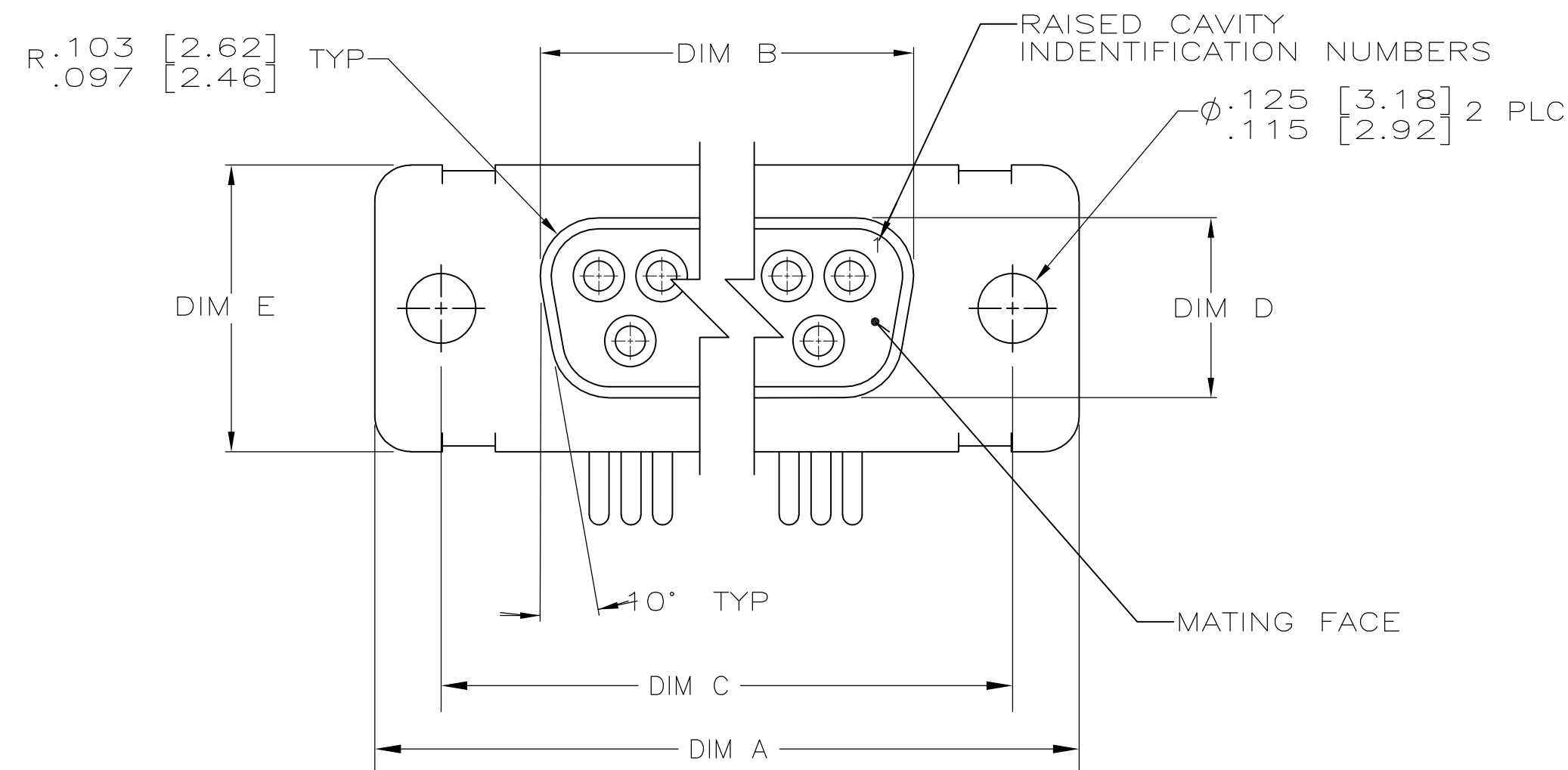
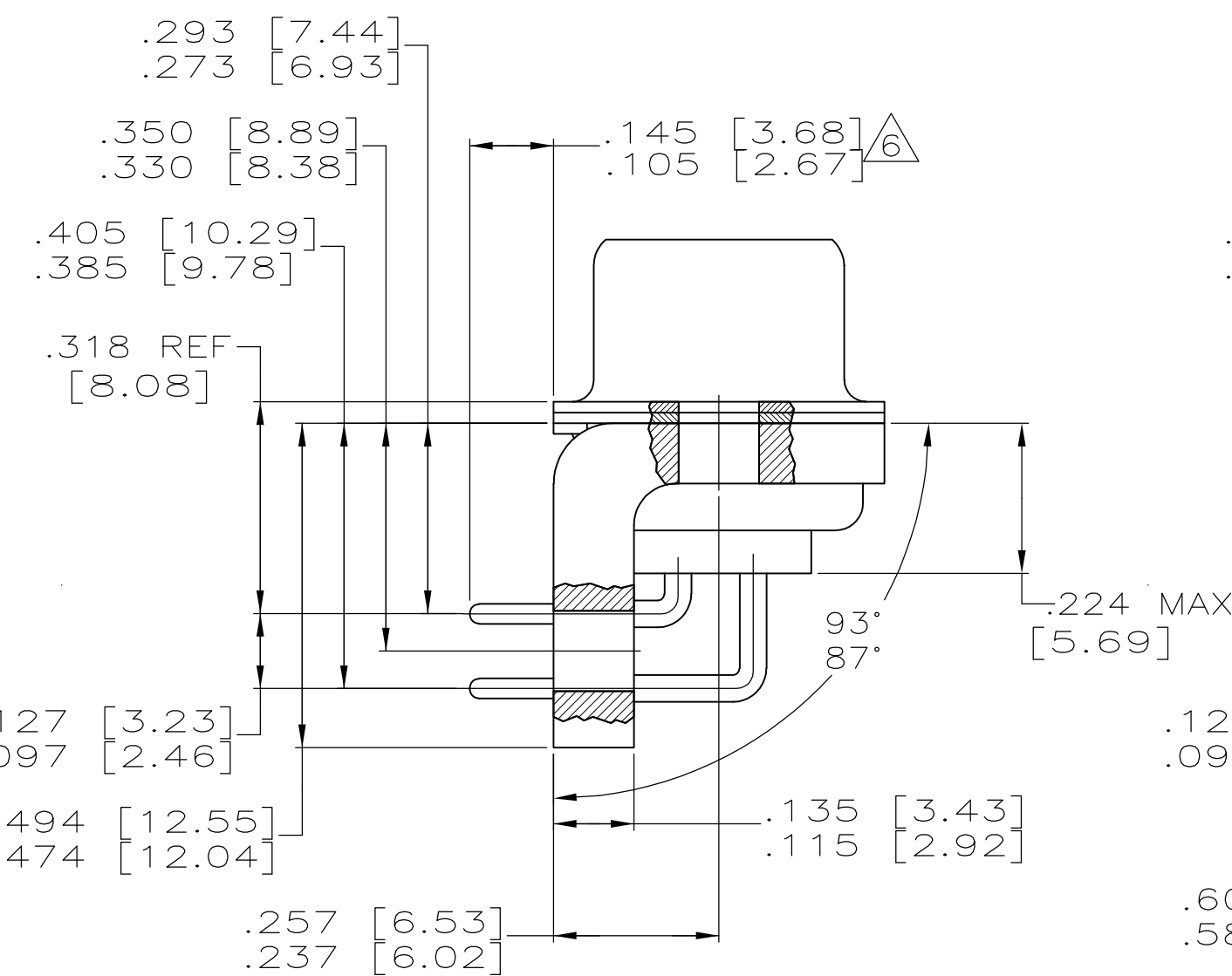
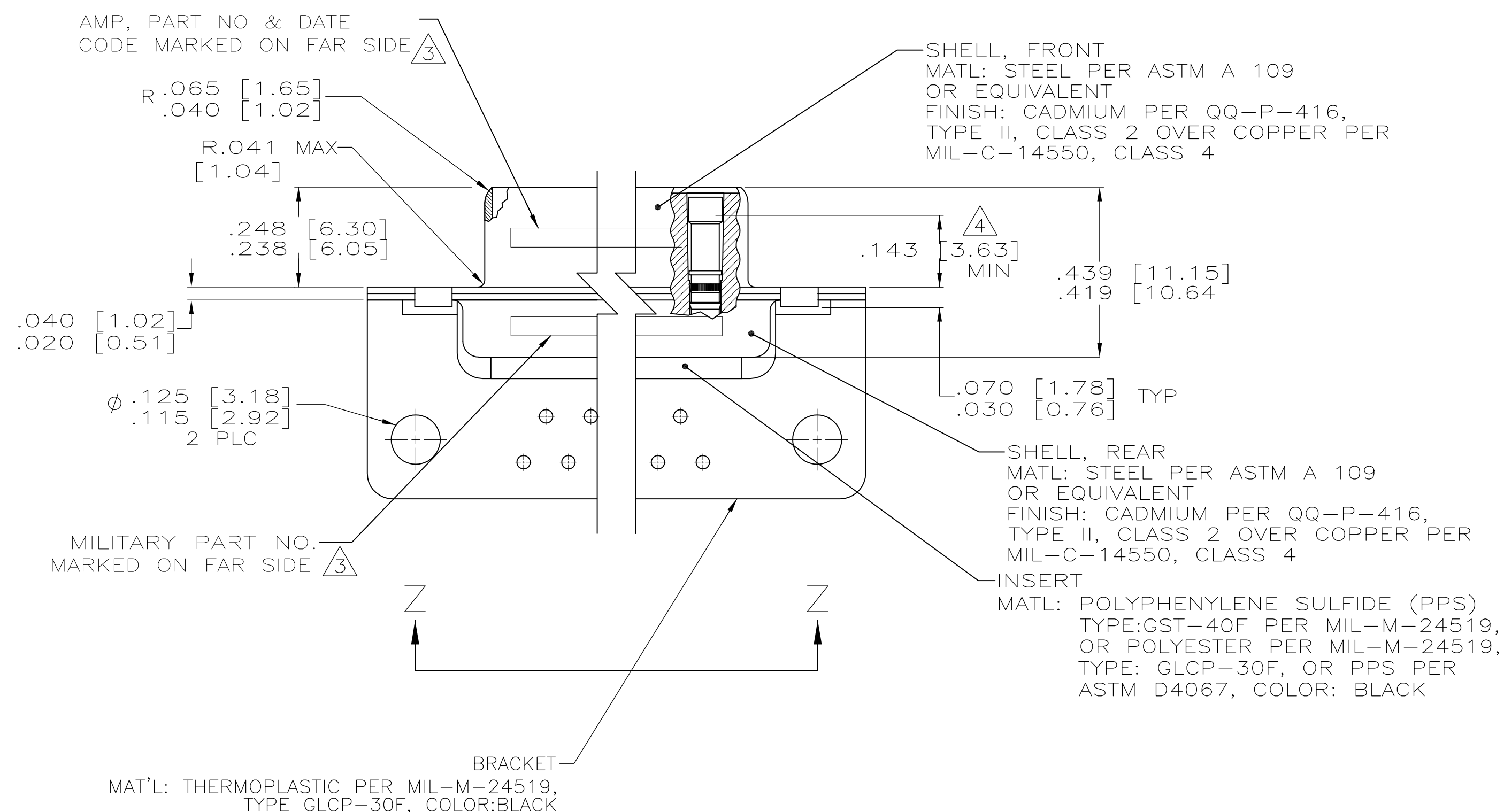
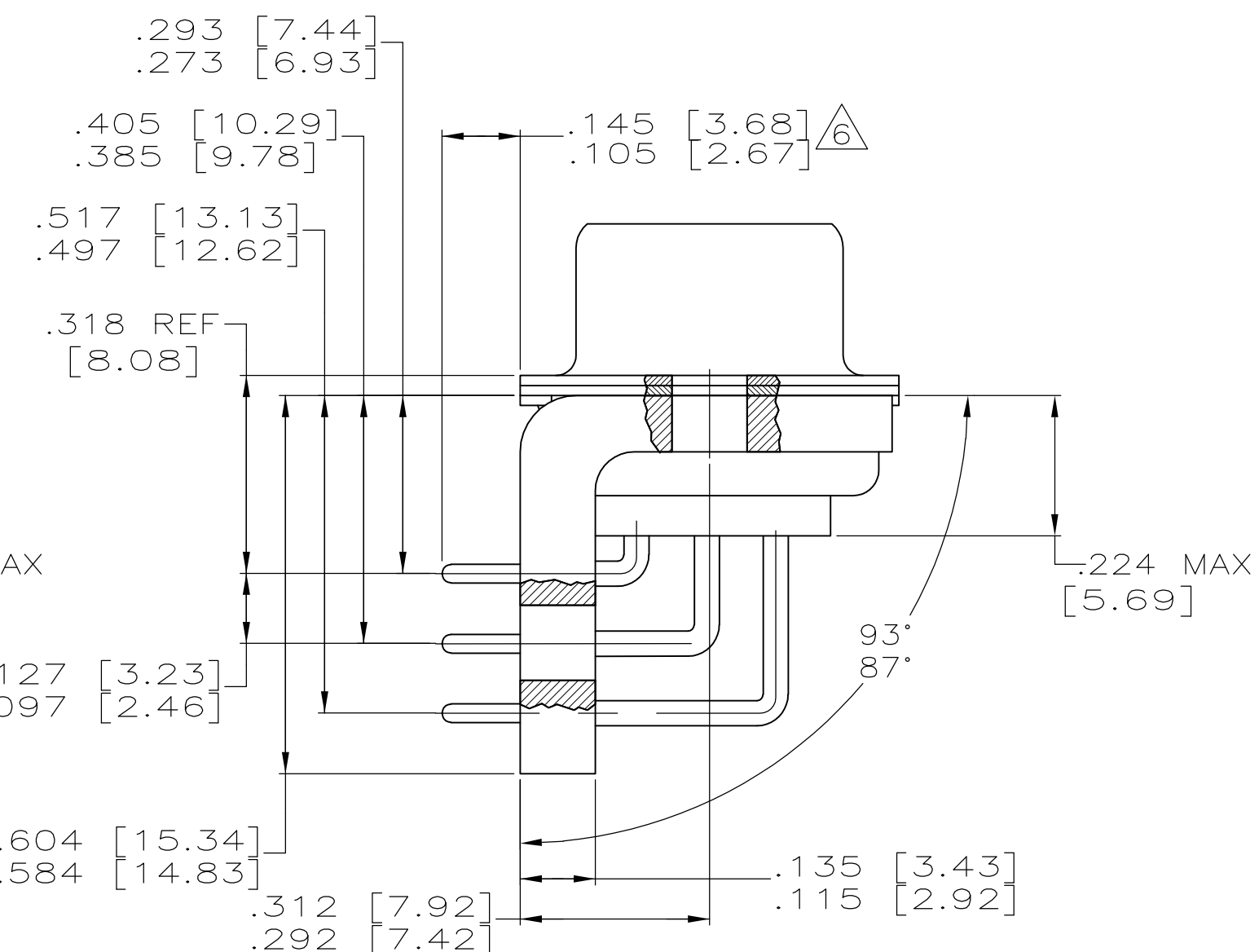




CONTACT (QTY = NO. OF POSN)
MATL: BRASS PER ASTM-B-16, OR BERYLLIUM
COPPER PER ASTM-B-194
FINISH: GOLD PER MIL-G-45204, TYPE II,
GRADE C, CLASS I IN CONTACT MATING AREA,
.000010 [0.0003] MIN THK GOLD PER MIL-G-45204
OVER .000050 [0.0013] MIN THK NICKEL
PER QQ-N-290 ON CONTACT BODY

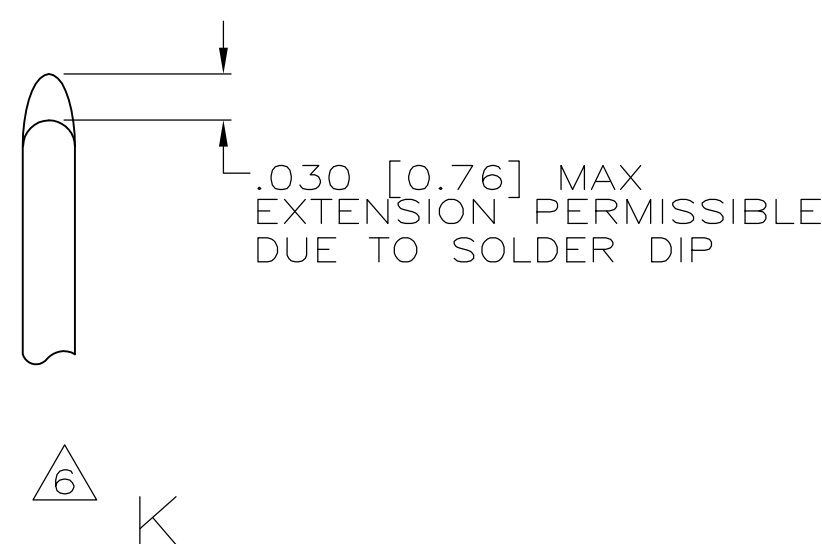


SHELL SIZES 1 THRU 4 CONTACT CONFIGURATION



SHELL SIZE 5 CONTACT CONFIGURATION

.544 .524 .432 .412	[13.82 [13.31 [10.97 [10.46	2.188 2.168 2.282 2.262	55.58 55.07 57.96 57.45	.620 .590 .509 .479	[15.75 [14.99 [12.93 [12.17	.428 .418 .316 .306	[10.87 [10.62 [8.03 [7.77	2.411 2.401 2.505 2.495	[61.24 [60.99 [63.63 [63.37	2.069 2.059 2.164 2.154	[52.55 [52.30 [54.97 [54.71	2.650 2.620 2.744 2.714	[67.31 [66.55 [69.70 [68.94	MS18277-1	50	5	M24308/23-29F	1218434-5	1-1218434-0 		
.432 .412	[10.97 [10.46	2.188 2.168	55.58 55.07	.620 .590	[15.75 [14.99	.428 .418	[10.87 [10.62	2.411 2.401	[61.24 [60.99	2.069 2.059	[52.55 [52.30	2.650 2.620	[67.31 [66.55	MS18276-1	37	4	M24308/23-28F	1218434-4	1218434-9 		
.432 .412	[10.97 [10.46	2.188 2.168	55.58 55.07	.620 .590	[15.75 [14.99	.428 .418	[10.87 [10.62	2.411 2.401	[61.24 [60.99	2.069 2.059	[52.55 [52.30	2.650 2.620	[67.31 [66.55	MS18275-1	25	3	M24308/23-27F	1218434-3	1218434-8 		
.432 .412	[10.97 [10.46	2.188 2.168	55.58 55.07	.620 .590	[15.75 [14.99	.428 .418	[10.87 [10.62	2.411 2.401	[61.24 [60.99	2.069 2.059	[52.55 [52.30	2.650 2.620	[67.31 [66.55	MS18274-1	15	2	M24308/23-26F	1218434-2	1218434-7 		
.432 .412	[10.97 [10.46	2.188 2.168	55.58 55.07	.620 .590	[15.75 [14.99	.428 .418	[10.87 [10.62	2.411 2.401	[61.24 [60.99	2.069 2.059	[52.55 [52.30	2.650 2.620	[67.31 [66.55	MS18273-1	9	1	M24308/23-25F	1218434-1	1218434-6 		
.544 .524 .432 .412	[13.82 [13.31 [10.97 [10.46	2.188 2.168 2.282 2.262	55.58 55.07 57.96 57.45	.620 .590 .509 .479	[15.75 [14.99 [12.93 [12.17	.428 .418 .316 .306	[10.87 [10.62 [8.03 [7.77	2.411 2.401 2.505 2.495	[61.24 [60.99 [63.63 [63.37	2.069 2.059 2.164 2.154	[52.55 [52.30 [54.97 [54.71	2.650 2.620 2.744 2.714	[67.31 [66.55 [69.70 [68.94	MS18277-1	50	5	M24308/23-29F	1218434-5	1218434-5		
.432 .412	[10.97 [10.46	2.188 2.168	55.58 55.07	.620 .590	[15.75 [14.99	.428 .418	[10.87 [10.62	2.411 2.401	[61.24 [60.99	2.069 2.059	[52.55 [52.30	2.650 2.620	[67.31 [66.55	MS18276-1	37	4	M24308/23-28F	1218434-4	1218434-4		
.432 .412	[10.97 [10.46	2.188 2.168	55.58 55.07	.620 .590	[15.75 [14.99	.428 .418	[10.87 [10.62	2.411 2.401	[61.24 [60.99	2.069 2.059	[52.55 [52.30	2.650 2.620	[67.31 [66.55	MS18275-1	25	3	M24308/23-27F	1218434-3	1218434-3		
.432 .412	[10.97 [10.46	2.188 2.168	55.58 55.07	.620 .590	[15.75 [14.99	.428 .418	[10.87 [10.62	2.411 2.401	[61.24 [60.99	2.069 2.059	[52.55 [52.30	2.650 2.620	[67.31 [66.55	MS18274-1	15	2	M24308/23-26F	1218434-2	1218434-2		
.432 .412	[10.97 [10.46	2.188 2.168	55.58 55.07	.620 .590	[15.75 [14.99	.428 .418	[10.87 [10.62	2.411 2.401	[61.24 [60.99	2.069 2.059	[52.55 [52.30	2.650 2.620	[67.31 [66.55	MS18273-1	9	1	M24308/23-25F	1218434-1	1218434-1		
DIM J		DIM H		DIM E		DIM D		DIM C		DIM B		DIM A		INSERT ARRANGEMENT	NO OF POS	SHELL SIZE	MILITARY P/N ON CONNECTOR	 3	P/N MARKED ON CONNECTOR		PART NO.



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 12-3-99 C.G. THOMAS QTR 12-15-99 CHAD BAKER 12-15-99 APVD CHAD BAKER PRODUCT SPEC APPLICATION SPEC		NAME RECEPTACLE ASSY, AMPLIMITE RIGHT ANGLE, SERIES 109 SIZES 1 THRU 5	
DIMENSIONS: INCHES 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± .— 1 PLC ± .— 2 PLC ± .— 3 PLC ± .010 [0.25] 4 PLC ± .— ANGLES ± 1° FINISH		SIZE GAGE CODE DRAWING NO A1 00779 C=1218434 RESTRICTED TO —	
MATERIAL — SEE CALLOUTS		WEIGHT — CUSTOMER DRAWING		SCALE 4:1 SHEET 1 OF 2 REV D	

