

LOC		DIST		REVISIONS					
CM		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
					B	REVISED PER ECO-05-016182	19DEC05	KW	CJ

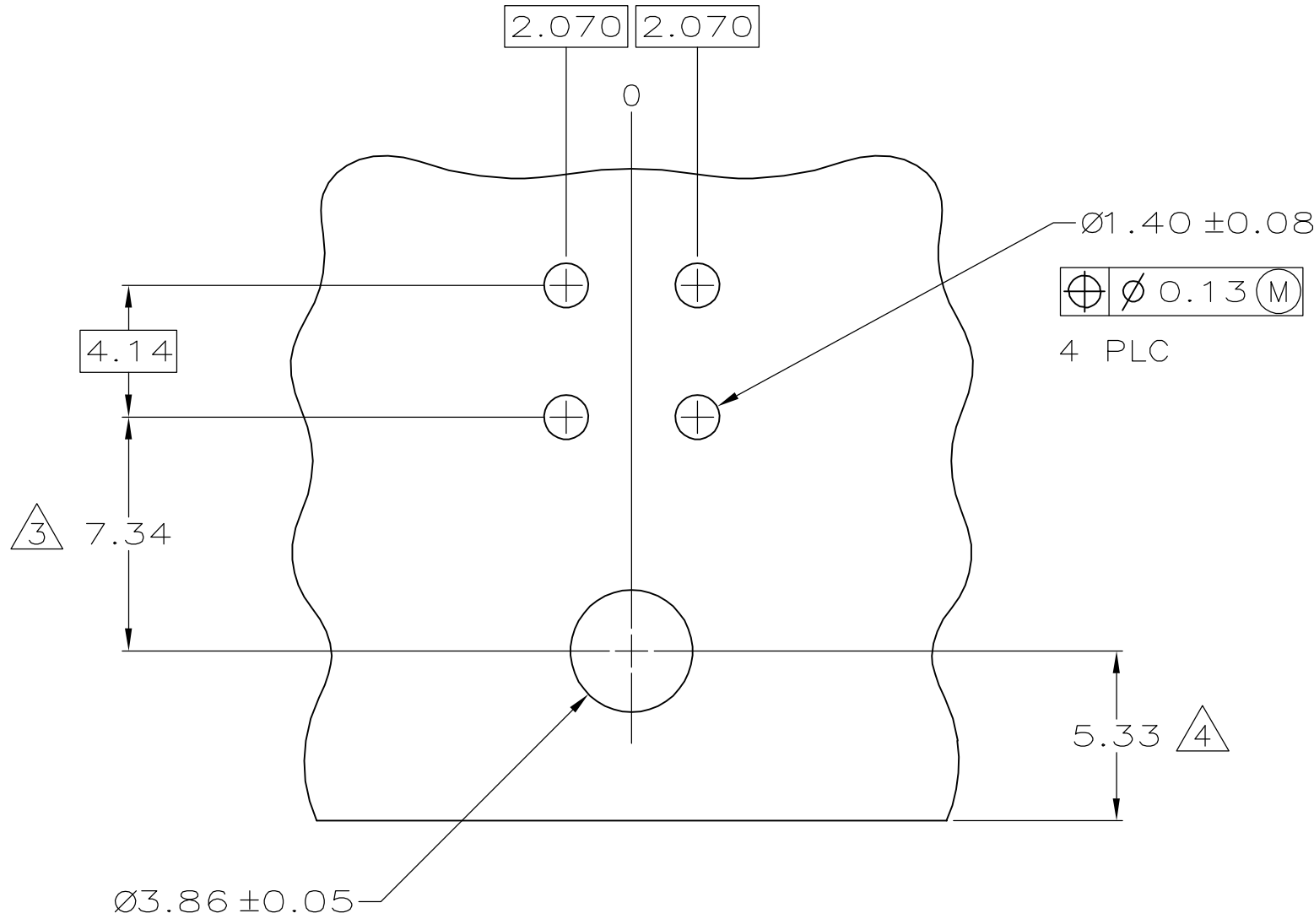
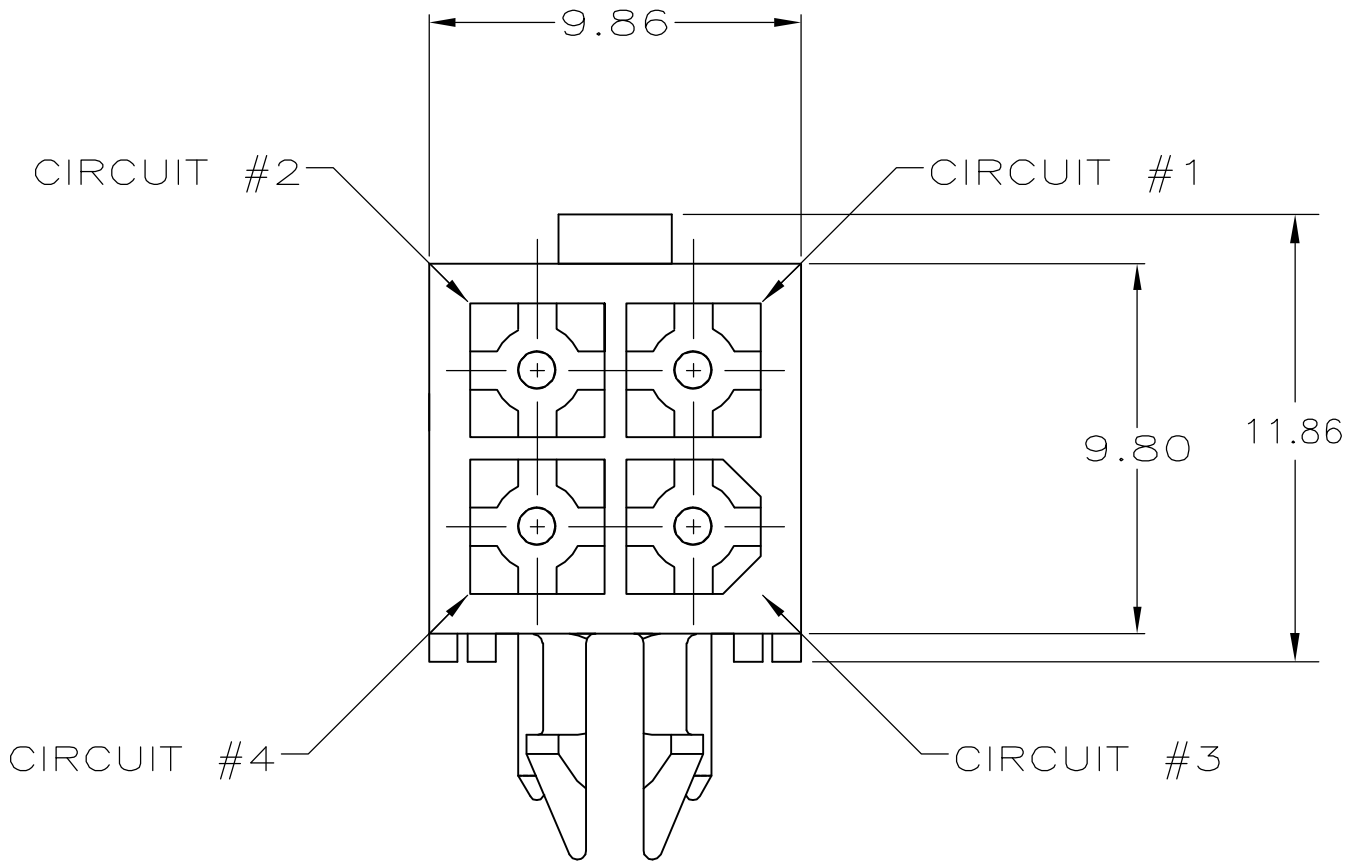
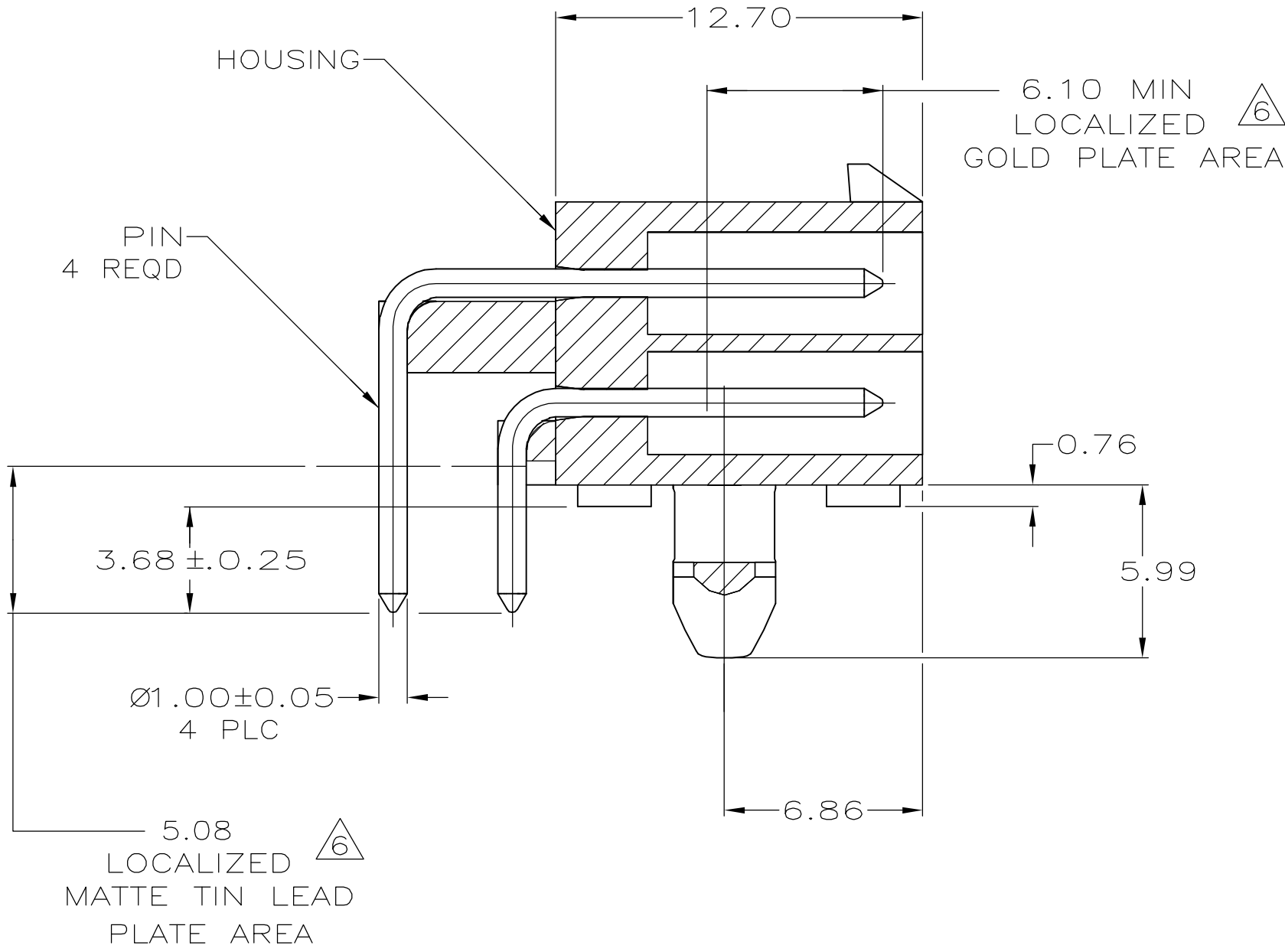
1. PINS TO COMPLY WITH AMP SOLDERABILITY SPEC 109-11-3.
2. MATES WITH PLUG P/N 1586617-1.
- 3

COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
- 4

RECOMMENDED FOR EDGE MOUNTING.
- 5

0.00381 MIN MATTE TIN LEAD OVER 0.00127 MIN NICKEL ENTIRE LENGTH OF PIN.
- 6

0.00076 MIN GOLD PLATE IN THE LOCALIZED GOLD PLATE AREA 0.00381 MIN MATTE TIN IN THE LOCALIZED TIN PLATE AREA, BOTH OVER 0.00127 MIN NICKEL.



RECOMMENDED MOUNTING HOLE PATTERN
FOR 1.57 THICK P.C. BOARD

2.070	.0815	12.70	.500
1.57	.062	9.86	.388
1.40	.055	9.80	.386
1.00	.039	7.34	.289
0.76	.030	6.86	.270
0.25	.010	6.10	.240
0.13	.005	5.99	.236
0.08	.003	5.33	.210
0.05	.002	5.08	.200
0.00381	.000150	4.14	.163
0.00127	.000050	3.86	.152
0.00076	.000030	3.68	.145
MM	IN	MM	IN

CONVERSION TABLE

BRASS	6	NYLON, UL94V-0	WHITE	1586610-2
BRASS	5	NYLON, UL94V-0	WHITE	1586610-1
MATERIAL	FINISH	MATERIAL	COLOR	PART NO.
PIN		HOUSING		

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN K. WHITAKER	15DEC2004	tyco Electronics		Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: mm		CHK C. JONES	15DEC2004	APVD C. JONES		NAME	
		PRODUCT SPEC		HEADER ASSEMBLY, RIGHT ANGLE, WITH SHORT PEG, 4 CIRCUIT, MINI UNIVERSAL MATE-N-LOK™			
		APPLICATION SPEC		SIZE			
		WEIGHT		CAGE CODE			
		CUSTOMER DRAWING		DRAWING NO			
MATERIAL SEE TABLE		TOLERANCES UNLESS OTHERWISE SPECIFIED: P1 ± .010 P2 ± .010 P3 ± .010 P4 ± .005 P5 ± .010 P6 ± .010 P7 ± .010 P8 ± .010 P9 ± .010 P10 ± .010 P11 ± .010 P12 ± .010 P13 ± .010 P14 ± .010 P15 ± .010 P16 ± .010 P17 ± .010 P18 ± .010 P19 ± .010 P20 ± .010 P21 ± .010 P22 ± .010 P23 ± .010 P24 ± .010 P25 ± .010 P26 ± .010 P27 ± .010 P28 ± .010 P29 ± .010 P30 ± .010 P31 ± .010 P32 ± .010 P33 ± .010 P34 ± .010 P35 ± .010 P36 ± .010 P37 ± .010 P38 ± .010 P39 ± .010 P40 ± .010 P41 ± .010 P42 ± .010 P43 ± .010 P44 ± .010 P45 ± .010 P46 ± .010 P47 ± .010 P48 ± .010 P49 ± .010 P50 ± .010 P51 ± .010 P52 ± .010 P53 ± .010 P54 ± .010 P55 ± .010 P56 ± .010 P57 ± .010 P58 ± .010 P59 ± .010 P60 ± .010 P61 ± .010 P62 ± .010 P63 ± .010 P64 ± .010 P65 ± .010 P66 ± .010 P67 ± .010 P68 ± .010 P69 ± .010 P70 ± .010 P71 ± .010 P72 ± .010 P73 ± .010 P74 ± .010 P75 ± .010 P76 ± .010 P77 ± .010 P78 ± .010 P79 ± .010 P80 ± .010 P81 ± .010 P82 ± .010 P83 ± .010 P84 ± .010 P85 ± .010 P86 ± .010 P87 ± .010 P88 ± .010 P89 ± .010 P90 ± .010 P91 ± .010 P92 ± .010 P93 ± .010 P94 ± .010 P95 ± .010 P96 ± .010 P97 ± .010 P98 ± .010 P99 ± .010 P100 ± .010 P101 ± .010 P102 ± .010 P103 ± .010 P104 ± .010 P105 ± .010 P106 ± .010 P107 ± .010 P108 ± .010 P109 ± .010 P110 ± .010 P111 ± .010 P112 ± .010 P113 ± .010 P114 ± .010 P115 ± .010 P116 ± .010 P117 ± .010 P118 ± .010 P119 ± .010 P120 ± .010 P121 ± .010 P122 ± .010 P123 ± .010 P124 ± .010 P125 ± .010 P126 ± .010 P127 ± .010 P128 ± .010 P129 ± .010 P130 ± .010 P131 ± .010 P132 ± .010 P133 ± .010 P134 ± .010 P135 ± .010 P136 ± .010 P137 ± .010 P138 ± .010 P139 ± .010 P140 ± .010 P141 ± .010 P142 ± .010 P143 ± .010 P144 ± .010 P145 ± .010 P146 ± .010 P147 ± .010 P148 ± .010 P149 ± .010 P150 ± .010 P151 ± .010 P152 ± .010 P153 ± .010 P154 ± .010 P155 ± .010 P156 ± .010 P157 ± .010 P158 ± .010 P159 ± .010 P160 ± .010 P161 ± .010 P162 ± .010 P163 ± .010 P164 ± .010 P165 ± .010 P166 ± .010 P167 ± .010 P168 ± .010 P169 ± .010 P170 ± .010 P171 ± .010 P172 ± .010 P173 ± .010 P174 ± .010 P175 ± .010 P176 ± .010 P177 ± .010 P178 ± .010 P179 ± .010 P180 ± .010 P181 ± .010 P182 ± .010 P183 ± .010 P184 ± .010 P185 ± .010 P186 ± .010 P187 ± .010 P188 ± .010 P189 ± .010 P190 ± .010 P191 ± .010 P192 ± .010 P193 ± .010 P194 ± .010 P195 ± .010 P196 ± .010 P197 ± .010 P198 ± .010 P199 ± .010 P200 ± .010 P201 ± .010 P202 ± .010 P203 ± .010 P204 ± .010 P205 ± .010 P206 ± .010 P207 ± .010 P208 ± .010 P209 ± .010 P210 ± .010 P211 ± .010 P212 ± .010 P213 ± .010 P214 ± .010 P215 ± .010 P216 ± .010 P217 ± .010 P218 ± .010 P219 ± .010 P220 ± .010 P221 ± .010 P222 ± .010 P223 ± .010 P224 ± .010 P225 ± .010 P226 ± .010 P227 ± .010 P228 ± .010 P229 ± .010 P230 ± .010 P231 ± .010 P232 ± .010 P233 ± .010 P234 ± .010 P235 ± .010 P236 ± .010 P237 ± .010 P238 ± .010 P239 ± .010 P240 ± .010 P241 ± .010 P242 ± .010 P243 ± .010 P244 ± .010 P245 ± .010 P246 ± .010 P247 ± .010 P248 ± .010 P249 ± .010 P250 ± .010 P251 ± .010 P252 ± .010 P253 ± .010 P254 ± .010 P255 ± .010 P256 ± .010 P257 ± .010 P258 ± .010 P259 ± .010 P260 ± .010 P261 ± .010 P262 ± .010 P263 ± .010 P264 ± .010 P265 ± .010 P266 ± .010 P267 ± .010 P268 ± .010 P269 ± .010 P270 ± .010 P271 ± .010 P272 ± .010 P273 ± .010 P274 ± .010 P275 ± .010 P276 ± .010 P277 ± .010 P278 ± .010 P279 ± .010 P280 ± .010 P281 ± .010 P282 ± .010 P283 ± .010 P284 ± .010 P285 ± .010 P286 ± .010 P287 ± .010 P288 ± .010 P289 ± .010 P290 ± .010 P291 ± .010 P292 ± .010 P293 ± .010 P294 ± .010 P295 ± .010 P296 ± .010 P297 ± .010 P298 ± .010 P299 ± .010 P300 ± .010 P301 ± .010 P302 ± .010 P303 ± .010 P304 ± .010 P305 ± .010 P306 ± .010 P307 ± .010 P308 ± .010 P309 ± .010 P310 ± .010 P311 ± .010 P312 ± .010 P313 ± .010 P314 ± .010 P315 ± .010 P316 ± .010 P317 ± .010 P318 ± .010 P319 ± .010 P320 ± .010 P321 ± .010 P322 ± .010 P323 ± .010 P324 ± .010 P325 ± .010 P326 ± .010 P327 ± .010 P328 ± .010 P329 ± .010 P330 ± .010 P331 ± .010 P332 ± .010 P333 ± .010 P334 ± .010 P335 ± .010 P336 ± .010 P337 ± .010 P338 ± .010 P339 ± .010 P340 ± .010 P341 ± .010 P342 ± .010 P343 ± .010 P344 ± .010 P345 ± .010 P346 ± .010 P347 ± .010 P348 ± .010 P349 ± .010 P350 ± .010 P351 ± .010 P352 ± .010 P353 ± .010 P354 ± .010 P355 ± .010 P356 ± .010 P357 ± .010 P358 ± .010 P359 ± .010 P360 ± .010 P361 ± .010 P362 ± .010 P363 ± .010 P364 ± .010 P365 ± .010 P366 ± .010 P367 ± .010 P368 ± .010 P369 ± .010 P370 ± .010 P371 ± .010 P372 ± .010 P373 ± .010 P374 ± .010 P375 ± .010 P376 ± .010 P377 ± .010 P378 ± .010 P379 ± .010 P380 ± .010 P381 ± .010 P382 ± .010 P383 ± .010 P384 ± .010 P385 ± .010 P386 ± .010 P387 ± .010 P388 ± .010 P389 ± .010 P390 ± .010 P391 ± .010 P392 ± .010 P393 ± .010 P394 ± .010 P395 ± .010 P396 ± .010 P397 ± .010 P398 ± .010 P399 ± .010 P400 ± .010 P401 ± .010 P402 ± .010 P403 ± .010 P404 ± .010 P405 ± .010 P406 ± .010 P407 ± .010 P408 ± .010 P409 ± .010 P410 ± .010 P411 ± .010 P412 ± .010 P413 ± .010 P414 ± .010 P415 ± .010 P416 ± .010 P417 ± .010 P418 ± .010 P419 ± .010 P420 ± .010 P421 ± .010 P422 ± .010 P423 ± .010 P424 ± .010 P425 ± .010 P426 ± .010 P427 ± .010 P428 ± .010 P429 ± .010 P430 ± .010 P431 ± .010 P432 ± .010 P433 ± .010 P434 ± .010 P435 ± .010 P436 ± .010 P437 ± .010 P438 ± .010 P439 ± .010 P440 ± .010 P441 ± .010 P442 ± .010 P443 ± .010 P444 ± .010 P445 ± .010 P446 ± .010 P447 ± .010 P448 ± .010 P449 ± .010 P450 ± .010 P451 ± .010 P452 ± .010 P453 ± .010 P454 ± .010 P455 ± .010 P456 ± .010 P457 ± .010 P458 ± .010 P459 ± .010 P460 ± .010 P461 ± .010 P462 ± .010 P463 ± .010 P464 ± .010 P465 ± .010 P466 ± .010 P467 ± .010 P468 ± .010 P469 ± .010 P470 ± .010 P471 ± .010 P472 ± .010 P473 ± .010 P474 ± .010 P475 ± .010 P476 ± .010 P477 ± .010 P478 ± .010 P479 ± .010 P480 ± .010 P481 ± .010 P482 ± .010 P483 ± .010 P484 ± .010 P485 ± .010 P486 ± .010 P487 ± .010 P488 ± .010 P489 ± .010 P490 ± .010 P491 ± .010 P492 ± .010 P493 ± .010 P494 ± .010 P495 ± .010 P496 ± .010 P497 ± .010 P498 ± .010 P499 ± .010 P500 ± .010 P501 ± .010 P502 ± .010 P503 ± .010 P504 ± .010 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.010 P922 ± .010 P923 ± .010 P924 ± .010 P925 ± .010 P926 ± .010 P927 ± .010 P928 ± .010 P929 ± .010 P930 ± .010 P931 ± .010 P932 ± .010 P933 ± .010 P934 ± .010 P935 ± .010 P936 ± .010 P937 ± .010 P938 ± .010 P939 ± .010 P940 ± .010 P941 ± .010 P942 ± .010 P943 ± .010 P944 ± .010 P945 ± .010 P946 ± .010 P947 ± .010 P948 ± .010 P949 ± .010 P950 ± .010 P951 ± .010 P952 ± .010 P953 ± .010 P954 ± .010 P955 ± .010 P956 ± .010 P957 ± .010 P958 ± .010 P959 ± .010 P960 ± .010 P961 ± .010 P962 ± .010 P963 ± .010 P964 ± .010 P965 ± .010 P966 ± .010 P967 ± .010 P968 ± .010 P969 ± .010 P970 ± .010 P971 ± .010 P972 ± .010 P973 ± .010 P974 ± .010 P975 ± .010 P976 ± .010 P977 ± .010 P978 ± .010 P979 ± .010 P980 ± .010 P981 ± .010 P982 ± .010 P983 ± .010 P984 ± .010 P985 ± .010 P986 ± .010 P987 ± .010 P988 ± .010 P989 ± .010 P990 ± .010 P991 ± .010 P992 ± .010 P993 ± .010 P994 ± .010 P995 ± .010 P996 ± .010 P997 ± .010 P998 ± .010 P999 ± .010 P1000 ± .010 P1001 ± .010 P1002 ± .010 P1003 ± .010 P1004 ± 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.010 P1082 ± .010 P1083 ± .010 P1084 ± .010 P1085 ± .010 P1086 ± .010 P1087 ± .010 P1088 ± .010 P1089 ± .010 P1090 ± .010 P1091 ± .010 P1092 ± .010 P1093 ± .010 P1094 ± .010 P10					

