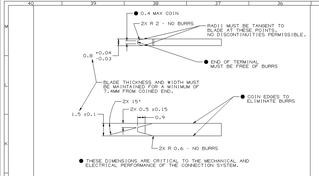



MATERIAL SPECIFICATIONS

RECOMMENDED

BASE METAL - CDA-210, EXTRA SPRING TEMPER

- TIN PLATED (WHERE APPLICABLE TO 125°C MAX CONTINUOUS USAGE)) 0.0005±0.0025 MM 1000±100 µ(IN) ELECTROPLATED TIN.
- USAGE OF PLATING TYPES OTHER THAN RECOMMENDED MUST BE APPROVED BY DELPHI PACKARD ELECTRIC SYSTEMS ENGINEERING.

MINIMUMS

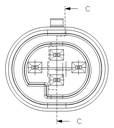
ELECTRICAL CONDUCTIVITY - 32%IACS AT 20 °C- USE OF A PLATING WITH LESS CONDUCTIVITY MUST BE APPROVED BY PACKARD ELECTRIC MATERIALS ENGINEERING

TENSILE STRENGTH - 430 - 480 MPa

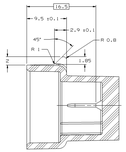
UNDERPLATING FOR TIN PLATING - FOR BASE MATERIALS CONTAINING 10% OR MORE ZINC, A NICKEL UNDERPLATE MUST BE PRESENT. MIN 1000 µ(IN) NICKEL UNDERPLATE

PROCESSING LUBRICANT - ANY PROCESSING LUBRICANT REMAINING ON TERMINALS MUST NOT VARNISH OR DEGRADE THE ELECTRICAL PERFORMANCE OF THE CONNECTION UP TO A MAXIMUM TEMPERATURE OF 105°C-PROCESSING LUBRICANTS MUST BE APPROVED BY DELPHI PACKARD ELECTRIC SYSTEMS ENGINEERING.

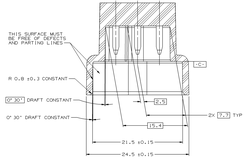
MATING BLADE INFORMATION



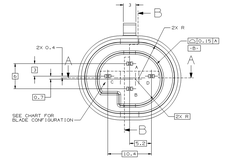

OPTIONAL CONSTRUCTION



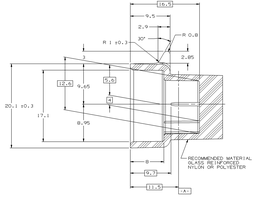

SECTION C-C




SECTION A-A



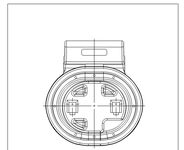

MATING CONNECTOR INFORMATION



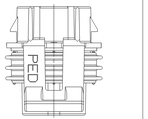

SECTION B-B

NOTES

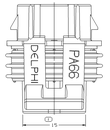
1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:
   DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION
   OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.
2. SEALING CODE 3 - DESIGN WILL PASS 5kJ FOR AND IMMERSION TEST AFTER CONDITIONING AS SPECIFIED IN EIA-364 (UNSHIELDED WIRE-PACH), EIA-364 (SHIELDED WIRE-PACH), EIA-364 (UNSHIELDED WIRE-PACH), C-606.
   SEALING CONDITIONING MUST BE MATED TO MATING PART OR EQUIVALENT.
3. THIS PART ACCEPTS THE FOLLOWING COMPONENTS OR EQUIVALENT:
   TERMINAL: 12048077
   SECONDARY TERMINAL LOCK 12066176
4. CONNECTOR SEAL TO BE SLUED TO CONNECTOR WITH PN60351C-001
   CONNECTOR SEAL MUST BE FREE OF DEBRIS AND PARTING LINES
   APPLIED AT 3 OPPOSITE LOCATIONS UNDER THE CONNECTOR SEAL.

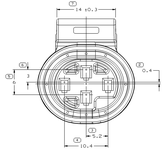


MATING END OF TYPICAL CONN WITH BLOCKED CAVITIES

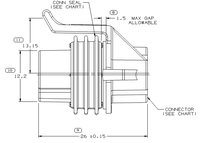


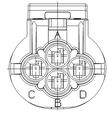

OPTIONAL CONSTRUCTION

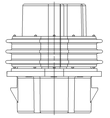


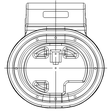




TYPE 101

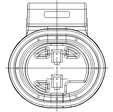




TYPE 102
SAME AS TYPE (0)
EXCEPT AS SHOWN



TYPE 103
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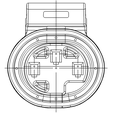
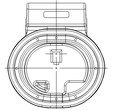
EXCEPT AS SHOWN



TYPE 104
SAME AS TYPE (0)
EXCEPT AS SHOWN

TYPE 105
SAME AS TYPE (0)
EXCEPT AS SHOWN



TYPE 106
SAME AS TYPE (0)
EXCEPT AS SHOWN

| ASM NO | STG | REV | A/P | STATUS | TYPE | CONN NO | CONN COLOR | NO OF CAVITIES | CAVITIES BLOCKED | CONN SEAL NO | CONN SEAL COLOR | CONN SEAL A/C | TYPE | STAG | TYPE NO | SHEET NO | SHEET REV | SHEET STATUS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12048384 | K | 0 | | OBSOLETE | 106 | 12048383 | BRN | 2 | 2 | 4.0 | 12048077 | BRN | | | | | | |
| 12048383 | K | 0 | | OBSOLETE | 104 | 12048382 | BRN MD | 2 | 2 | 4.0 | 12048077 | BRN | | | | | | |
| 12048381 | K | 0 | | OBSOLETE | 102 | 12048380 | BRN | 2 | 2 | 4.0 | 12048077 | BRN | | | | | | |
| 12048379 | K | 0 | | OBSOLETE | 101 | 12048378 | BRN | 2 | 2 | 4.0 | 12048077 | BRN | | | | | | |
| 12048377 | K | 0 | | OBSOLETE | 101 | 12048376 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048375 | K | 0 | | OBSOLETE | 101 | 12048374 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048373 | K | 0 | | OBSOLETE | 101 | 12048372 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048371 | K | 0 | | OBSOLETE | 101 | 12048370 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048369 | K | 0 | | OBSOLETE | 101 | 12048368 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048367 | K | 0 | | OBSOLETE | 101 | 12048366 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048365 | K | 0 | | OBSOLETE | 101 | 12048364 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048363 | K | 0 | | OBSOLETE | 101 | 12048362 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048361 | K | 0 | | OBSOLETE | 101 | 12048360 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048359 | K | 0 | | OBSOLETE | 101 | 12048358 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048357 | K | 0 | | OBSOLETE | 101 | 12048356 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048355 | K | 0 | | OBSOLETE | 101 | 12048354 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048353 | K | 0 | | OBSOLETE | 101 | 12048352 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048351 | K | 0 | | OBSOLETE | 101 | 12048350 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048349 | K | 0 | | OBSOLETE | 101 | 12048348 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048347 | K | 0 | | OBSOLETE | 101 | 12048346 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048345 | K | 0 | | OBSOLETE | 101 | 12048344 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048343 | K | 0 | | OBSOLETE | 101 | 12048342 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048341 | K | 0 | | OBSOLETE | 101 | 12048340 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048339 | K | 0 | | OBSOLETE | 101 | 12048338 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048337 | K | 0 | | OBSOLETE | 101 | 12048336 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048335 | K | 0 | | OBSOLETE | 101 | 12048334 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048333 | K | 0 | | OBSOLETE | 101 | 12048332 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048331 | K | 0 | | OBSOLETE | 101 | 12048330 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048329 | K | 0 | | OBSOLETE | 101 | 12048328 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048327 | K | 0 | | OBSOLETE | 101 | 12048326 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048325 | K | 0 | | OBSOLETE | 101 | 12048324 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048323 | K | 0 | | OBSOLETE | 101 | 12048322 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048321 | K | 0 | | OBSOLETE | 101 | 12048320 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048319 | K | 0 | | OBSOLETE | 101 | 12048318 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048317 | K | 0 | | OBSOLETE | 101 | 12048316 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048315 | K | 0 | | OBSOLETE | 101 | 12048314 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048313 | K | 0 | | OBSOLETE | 101 | 12048312 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048311 | K | 0 | | OBSOLETE | 101 | 12048310 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048309 | K | 0 | | OBSOLETE | 101 | 12048308 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048307 | K | 0 | | OBSOLETE | 101 | 12048306 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048305 | K | 0 | | OBSOLETE | 101 | 12048304 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048303 | K | 0 | | OBSOLETE | 101 | 12048302 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048301 | K | 0 | | OBSOLETE | 101 | 12048300 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048299 | K | 0 | | OBSOLETE | 101 | 12048298 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048297 | K | 0 | | OBSOLETE | 101 | 12048296 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048295 | K | 0 | | OBSOLETE | 101 | 12048294 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048293 | K | 0 | | OBSOLETE | 101 | 12048292 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048291 | K | 0 | | OBSOLETE | 101 | 12048290 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048289 | K | 0 | | OBSOLETE | 101 | 12048288 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048287 | K | 0 | | OBSOLETE | 101 | 12048286 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048285 | K | 0 | | OBSOLETE | 101 | 12048284 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048283 | K | 0 | | OBSOLETE | 101 | 12048282 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048281 | K | 0 | | OBSOLETE | 101 | 12048280 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048279 | K | 0 | | OBSOLETE | 101 | 12048278 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048277 | K | 0 | | OBSOLETE | 101 | 12048276 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048275 | K | 0 | | OBSOLETE | 101 | 12048274 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048273 | K | 0 | | OBSOLETE | 101 | 12048272 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048271 | K | 0 | | OBSOLETE | 101 | 12048270 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048269 | K | 0 | | OBSOLETE | 101 | 12048268 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048267 | K | 0 | | OBSOLETE | 101 | 12048266 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048265 | K | 0 | | OBSOLETE | 101 | 12048264 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048263 | K | 0 | | OBSOLETE | 101 | 12048262 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048261 | K | 0 | | OBSOLETE | 101 | 12048260 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048259 | K | 0 | | OBSOLETE | 101 | 12048258 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048257 | K | 0 | | OBSOLETE | 101 | 12048256 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048255 | K | 0 | | OBSOLETE | 101 | 12048254 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048253 | K | 0 | | OBSOLETE | 101 | 12048252 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048251 | K | 0 | | OBSOLETE | 101 | 12048250 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048249 | K | 0 | | OBSOLETE | 101 | 12048248 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048247 | K | 0 | | OBSOLETE | 101 | 12048246 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048245 | K | 0 | | OBSOLETE | 101 | 12048244 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048243 | K | 0 | | OBSOLETE | 101 | 12048242 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048241 | K | 0 | | OBSOLETE | 101 | 12048240 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048239 | K | 0 | | OBSOLETE | 101 | 12048238 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048237 | K | 0 | | OBSOLETE | 101 | 12048236 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048235 | K | 0 | | OBSOLETE | 101 | 12048234 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048233 | K | 0 | | OBSOLETE | 101 | 12048232 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048231 | K | 0 | | OBSOLETE | 101 | 12048230 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048229 | K | 0 | | OBSOLETE | 101 | 12048228 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048227 | K | 0 | | OBSOLETE | 101 | 12048226 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048225 | K | 0 | | OBSOLETE | 101 | 12048224 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048223 | K | 0 | | OBSOLETE | 101 | 12048222 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048221 | K | 0 | | OBSOLETE | 101 | 12048220 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048219 | K | 0 | | OBSOLETE | 101 | 12048218 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048217 | K | 0 | | OBSOLETE | 101 | 12048216 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048215 | K | 0 | | OBSOLETE | 101 | 12048214 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048213 | K | 0 | | OBSOLETE | 101 | 12048212 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048211 | K | 0 | | OBSOLETE | 101 | 12048210 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048209 | K | 0 | | OBSOLETE | 101 | 12048208 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048207 | K | 0 | | OBSOLETE | 101 | 12048206 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048205 | K | 0 | | OBSOLETE | 101 | 12048204 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048203 | K | 0 | | OBSOLETE | 101 | 12048202 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048201 | K | 0 | | OBSOLETE | 101 | 12048200 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048199 | K | 0 | | OBSOLETE | 101 | 12048198 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048197 | K | 0 | | OBSOLETE | 101 | 12048196 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048195 | K | 0 | | OBSOLETE | 101 | 12048194 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048193 | K | 0 | | OBSOLETE | 101 | 12048192 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048191 | K | 0 | | OBSOLETE | 101 | 12048190 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048189 | K | 0 | | OBSOLETE | 101 | 12048188 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048187 | K | 0 | | OBSOLETE | 101 | 12048186 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048185 | K | 0 | | OBSOLETE | 101 | 12048184 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048183 | K | 0 | | OBSOLETE | 101 | 12048182 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048181 | K | 0 | | OBSOLETE | 101 | 12048180 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048179 | K | 0 | | OBSOLETE | 101 | 12048178 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048177 | K | 0 | | OBSOLETE | 101 | 12048176 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048175 | K | 0 | | OBSOLETE | 101 | 12048174 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048173 | K | 0 | | OBSOLETE | 101 | 12048172 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048171 | K | 0 | | OBSOLETE | 101 | 12048170 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048169 | K | 0 | | OBSOLETE | 101 | 12048168 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048167 | K | 0 | | OBSOLETE | 101 | 12048166 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048165 | K | 0 | | OBSOLETE | 101 | 12048164 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048163 | K | 0 | | OBSOLETE | 101 | 12048162 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048161 | K | 0 | | OBSOLETE | 101 | 12048160 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048159 | K | 0 | | OBSOLETE | 101 | 12048158 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048157 | K | 0 | | OBSOLETE | 101 | 12048156 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048155 | K | 0 | | OBSOLETE | 101 | 12048154 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048153 | K | 0 | | OBSOLETE | 101 | 12048152 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048151 | K | 0 | | OBSOLETE | 101 | 12048150 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048149 | K | 0 | | OBSOLETE | 101 | 12048148 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048147 | K | 0 | | OBSOLETE | 101 | 12048146 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048145 | K | 0 | | OBSOLETE | 101 | 12048144 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048143 | K | 0 | | OBSOLETE | 101 | 12048142 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048141 | K | 0 | | OBSOLETE | 101 | 12048140 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048139 | K | 0 | | OBSOLETE | 101 | 12048138 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048137 | K | 0 | | OBSOLETE | 101 | 12048136 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048135 | K | 0 | | OBSOLETE | 101 | 12048134 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048133 | K | 0 | | OBSOLETE | 101 | 12048132 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048131 | K | 0 | | OBSOLETE | 101 | 12048130 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048129 | K | 0 | | OBSOLETE | 101 | 12048128 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048127 | K | 0 | | OBSOLETE | 101 | 12048126 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048125 | K | 0 | | OBSOLETE | 101 | 12048124 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048123 | K | 0 | | OBSOLETE | 101 | 12048122 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048121 | K | 0 | | OBSOLETE | 101 | 12048120 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048119 | K | 0 | | OBSOLETE | 101 | 12048118 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048117 | K | 0 | | OBSOLETE | 101 | 12048116 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048115 | K | 0 | | OBSOLETE | 101 | 12048114 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048113 | K | 0 | | OBSOLETE | 101 | 12048112 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048111 | K | 0 | | OBSOLETE | 101 | 12048110 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048109 | K | 0 | | OBSOLETE | 101 | 12048108 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048107 | K | 0 | | OBSOLETE | 101 | 12048106 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048105 | K | 0 | | OBSOLETE | 101 | 12048104 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048103 | K | 0 | | OBSOLETE | 101 | 12048102 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048101 | K | 0 | | OBSOLETE | 101 | 12048100 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048099 | K | 0 | | OBSOLETE | 101 | 12048098 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048097 | K | 0 | | OBSOLETE | 101 | 12048096 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048095 | K | 0 | | OBSOLETE | 101 | 12048094 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048093 | K | 0 | | OBSOLETE | 101 | 12048092 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048091 | K | 0 | | OBSOLETE | 101 | 12048090 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048089 | K | 0 | | OBSOLETE | 101 | 12048088 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048087 | K | 0 | | OBSOLETE | 101 | 12048086 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048085 | K | 0 | | OBSOLETE | 101 | 12048084 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048083 | K | 0 | | OBSOLETE | 101 | 12048082 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048081 | K | 0 | | OBSOLETE | 101 | 12048080 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048079 | K | 0 | | OBSOLETE | 101 | 12048078 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048077 | K | 0 | | OBSOLETE | 101 | 12048076 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048075 | K | 0 | | OBSOLETE | 101 | 12048074 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048073 | K | 0 | | OBSOLETE | 101 | 12048072 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048071 | K | 0 | | OBSOLETE | 101 | 12048070 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048069 | K | 0 | | OBSOLETE | 101 | 12048068 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048067 | K | 0 | | OBSOLETE | 101 | 12048066 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048065 | K | 0 | | OBSOLETE | 101 | 12048064 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048063 | K | 0 | | OBSOLETE | 101 | 12048062 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048061 | K | 0 | | OBSOLETE | 101 | 12048060 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048059 | K | 0 | | OBSOLETE | 101 | 12048058 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048057 | K | 0 | | OBSOLETE | 101 | 12048056 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048055 | K | 0 | | OBSOLETE | 101 | 12048054 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048053 | K | 0 | | OBSOLETE | 101 | 12048052 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048051 | K | 0 | | OBSOLETE | 101 | 12048050 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048049 | K | 0 | | OBSOLETE | 101 | 12048048 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048047 | K | 0 | | OBSOLETE | 101 | 12048046 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048045 | K | 0 | | OBSOLETE | 101 | 12048044 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048043 | K | 0 | | OBSOLETE | 101 | 12048042 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048041 | K | 0 | | OBSOLETE | 101 | 12048040 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048039 | K | 0 | | OBSOLETE | 101 | 12048038 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048037 | K | 0 | | OBSOLETE | 101 | 12048036 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048035 | K | 0 | | OBSOLETE | 101 | 12048034 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048033 | K | 0 | | OBSOLETE | 101 | 12048032 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048031 | K | 0 | | OBSOLETE | 101 | 12048030 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048029 | K | 0 | | OBSOLETE | 101 | 12048028 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048027 | K | 0 | | OBSOLETE | 101 | 12048026 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048025 | K | 0 | | OBSOLETE | 101 | 12048024 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048023 | K | 0 | | OBSOLETE | 101 | 12048022 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048021 | K | 0 | | OBSOLETE | 101 | 12048020 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048019 | K | 0 | | OBSOLETE | 101 | 12048018 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048017 | K | 0 | | OBSOLETE | 101 | 12048016 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048015 | K | 0 | | OBSOLETE | 101 | 12048014 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048013 | K | 0 | | OBSOLETE | 101 | 12048012 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048011 | K | 0 | | OBSOLETE | 101 | 12048010 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048009 | K | 0 | | OBSOLETE | 101 | 12048008 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048007 | K | 0 | | OBSOLETE | 101 | 12048006 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048005 | K | 0 | | OBSOLETE | 101 | 12048004 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048003 | K | 0 | | OBSOLETE | 101 | 12048002 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12048001 | K | 0 | | OBSOLETE | 101 | 12048000 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12047999 | K | 0 | | OBSOLETE | 101 | 12047998 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12047997 | K | 0 | | OBSOLETE | 101 | 12047996 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12047995 | K | 0 | | OBSOLETE | 101 | 12047994 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12047993 | K | 0 | | OBSOLETE | 101 | 12047992 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12047991 | K | 0 | | OBSOLETE | 101 | 12047990 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12047989 | K | 0 | | OBSOLETE | 101 | 12047988 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12047987 | K | 0 | | OBSOLETE | 101 | 12047986 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12047985 | K | 0 | | OBSOLETE | 101 | 12047984 | BLK | 4 | NONE | 12048077 | BRN | | | | | | | |
| 12047983 | K | 0 | | OBSOLETE | 101 | 12047982 | BLK | 4 