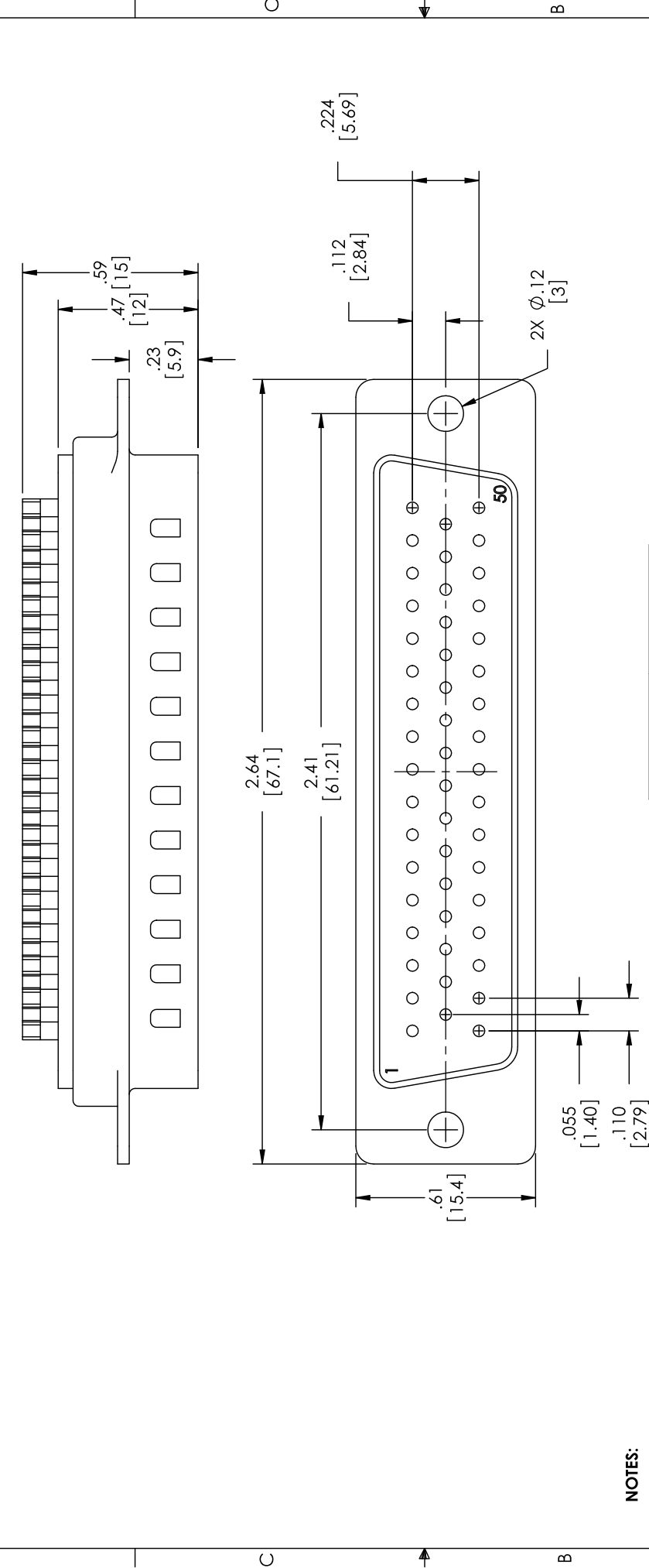


8 7 6 5 4 3 2 1

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REV A DRAWING RELEASED	12/20/2018	BPUCHASKI

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CATALOG #	PACKAGING
DSB00035	1/BAG
DSB00019	40/TRAY

NOTES:

MATERIAL:

CONNECTOR SHELL: STEEL
CONNECTOR INSULATOR: THERMOPLASTIC, UL94V-0 RATED
CONTACTS: COPPER ALLOY

FINISH:

FRONT SHELL: NICKEL PLATED
BACK SHELL: TIN PLATED
CONTACTS: GOLD FLASH IN CONTACT AREA OVER NICKEL PLATE
SOLDER CUPS: TIN PLATED

ELECTRICAL:

DIELECTRIC WITHSTANDING VOLTAGE: 1000 VAC rms
INSULATION RESISTANCE: 5000MΩ @ 500VDC

MISCELLANEOUS:

OPERATING TEMPERATURE: -55°C TO +105°C
CONNECTOR SHALL BE PACKAGED IN ACCORDANCE WITH
MILESTEK SPEC. PS-0054. (SEE CHART)

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES		SIGNATURE		DATE		MILESTEK CORPORATION 301 LEORA LANE, SUITE 100 LEWISVILLE, TX 75056 PHONE: (940) 564-1000 FAX: (940) 564-1047
APPROVED BY:		DRSHELLO		12/11/2018		
B.GATES		B.GATES		12/14/2018		
TITLE		SOLDER CUP D-SUB CONNECTOR DB50 MALE				
CUSTOMER REFERENCE DOCUMENT:		CAGE CODE: 42977				
OVERALL CABLE LENGTH TOLERANCE: ≤10 [254] ±.01 [25] / -0 10-12 [254-3048] ±.02 [508] / -0 12-18 [3048-4572] ±.03 [762] / -0 18-24 [4572-6096] ±.04 [1016] / -0 24-30 [6096-7620] ±.05 [1270] / -0 30-36 [7620-9144] ±.06 [1524] / -0 36-42 [9144-10668] ±.07 [1778] / -0 42-48 [10668-12192] ±.08 [2032] / -0 48-54 [12192-13716] ±.09 [2286] / -0 54-60 [13716-15240] ±.10 [2540] / -0 60-66 [15240-16764] ±.11 [2794] / -0 66-72 [16764-18288] ±.12 [3048] / -0 72-78 [18288-19812] ±.13 [3302] / -0 78-84 [19812-21336] ±.14 [3556] / -0 84-90 [21336-22860] ±.15 [3810] / -0 90-96 [22860-24384] ±.16 [4064] / -0 96-102 [24384-25928] ±.17 [4318] / -0 102-108 [25928-27472] ±.18 [4572] / -0 108-114 [27472-29016] ±.19 [4826] / -0 114-120 [29016-30560] ±.20 [5080] / -0 120-126 [30560-32104] ±.21 [5334] / -0 126-132 [32104-33648] ±.22 [5588] / -0 132-138 [33648-35192] ±.23 [5842] / -0 138-144 [35192-36736] ±.24 [6096] / -0 144-150 [36736-38280] ±.25 [6350] / -0 150-156 [38280-39824] ±.26 [6604] / -0 156-162 [39824-41368] ±.27 [6858] / -0 162-168 [41368-42912] ±.28 [7112] / -0 168-174 [42912-44456] ±.29 [7366] / -0 174-180 [44456-46000] ±.30 [7620] / -0 180-186 [46000-47544] ±.31 [7874] / -0 186-192 [47544-49088] ±.32 [8128] / -0 192-198 [49088-50632] ±.33 [8382] / -0 198-204 [50632-52176] ±.34 [8636] / -0 204-210 [52176-53720] ±.35 [8890] / -0 210-216 [53720-55264] ±.36 [9144] / -0 216-222 [55264-56808] ±.37 [9398] / -0 222-228 [56808-58352] ±.38 [9648] / -0 228-234 [58352-59896] ±.39 [9902] / -0 234-240 [59896-61440] ±.40 [10156] / -0 240-246 [61440-62984] ±.41 [10410] / -0 246-252 [62984-64528] ±.42 [10664] / -0 252-258 [64528-66072] ±.43 [10918] / -0 258-264 [66072-67616] ±.44 [11172] / -0 264-270 [67616-69160] ±.45 [11426] / -0 270-276 [69160-70704] ±.46 [11680] / -0 276-282 [70704-72248] ±.47 [11934] / -0 282-288 [72248-73792] ±.48 [12188] / -0 288-294 [73792-75336] ±.49 [12442] / -0 294-300 [75336-76880] ±.50 [12696] / -0 300-306 [76880-78424] ±.51 [12950] / -0 306-312 [78424-80000] ±.52 [13204] / -0 312-318 [80000-81544] ±.53 [13458] / -0 318-324 [81544-83088] ±.54 [13712] / -0 324-330 [83088-84632] ±.55 [13966] / -0 330-336 [84632-86176] ±.56 [14220] / -0 336-342 [86176-87720] ±.57 [14474] / -0 342-348 [87720-89264] ±.58 [14728] / -0 348-354 [89264-90808] ±.59 [14982] / -0 354-360 [90808-92352] ±.60 [15236] / -0 360-366 [92352-93896] ±.61 [15490] / -0 366-372 [93896-95440] ±.62 [15744] / -0 372-378 [95440-96984] ±.63 [16000] / -0 378-384 [96984-98528] ±.64 [16254] / -0 384-390 [98528-100072] ±.65 [16508] / -0 390-396 [100072-101616] ±.66 [16762] / -0 396-402 [101616-103160] ±.67 [17016] / -0 402-408 [103160-104704] ±.68 [17270] / -0 408-414 [104704-106248] ±.69 [17524] / -0 414-420 [106248-107792] ±.70 [17778] / -0 420-426 [107792-109336] ±.71 [18032] / -0 426-432 [109336-110880] ±.72 [18286] / -0 432-438 [110880-112424] ±.73 [18540] / -0 438-444 [112424-113968] ±.74 [18794] / -0 444-450 [113968-115512] ±.75 [19048] / -0 450-456 [115512-117056] ±.76 [19302] / -0 456-462 [117056-118600] ±.77 [19556] / -0 462-468 [118600-120144] ±.78 [19810] / -0 468-474 [120144-121688] ±.79 [20064] / -0 474-480 [121688-123232] ±.80 [20318] / -0 480-486 [123232-124776] ±.81 [20572] / -0 486-492 [124776-126320] ±.82 [20826] / -0 492-498 [126320-127864] ±.83 [21080] / -0 498-504 [127864-129408] ±.84 [21334] / -0 504-510 [129408-130952] ±.85 [21588] / -0 510-516 [130952-132496] ±.86 [21842] / -0 516-522 [132496-134040] ±.87 [22096] / -0 522-528 [134040-135584] ±.88 [22350] / -0 528-534 [135584-137128] ±.89 [22604] / -0 534-540 [137128-138672] ±.90 [22858] / -0 540-546 [138672-140216] ±.91 [23112] / -0 546-552 [140216-141760] ±.92 [23366] / -0 552-558 [141760-143304] ±.93 [23620] / -0 558-564 [143304-144848] ±.94 [23874] / -0 564-570 [144848-146392] ±.95 [24128] / -0 570-576 [146392-147936] ±.96 [24382] / -0 576-582 [147936-149480] ±.97 [24636] / -0 582-588 [149480-151024] ±.98 [24890] / -0 588-594 [151024-152568] ±.99 [25144] / -0 594-600 [152568-154112] ±.100 [25398] / -0 600-606 [154112-155656] ±.101 [25652] / -0 606-612 [155656-157200] ±.102 [25906] / -0 612-618 [157200-158744] ±.103 [26160] / -0 618-624 [158744-160288] ±.104 [26414] / -0 624-630 [160288-161832] ±.105 [26668] / -0 630-636 [161832-163376] ±.106 [26922] / -0 636-642 [163376-164920] ±.107 [27176] / -0 642-648 [164920-166464] ±.108 [27430] / -0 648-654 [166464-168008] ±.109 [27684] / -0 654-660 [168008-169552] ±.110 [27938] / -0 660-666 [169552-171096] ±.111 [28192] / -0 666-672 [171096-172640] ±.112 [28446] / -0 672-678 [172640-174184] ±.113 [28700] / -0 678-684 [174184-175728] ±.114 [28954] / -0 684-690 [175728-177272] ±.115 [29208] / -0 690-696 [177272-178816] ±.116 [29462] / -0 696-702 [178816-180360] ±.117 [29716] / -0 702-708 [180360-181904] ±.118 [29970] / -0 708-714 [181904-183448] ±.119 [30224] / -0 714-720 [183448-184992] ±.120 [30478] / -0 720-726 [184992-186536] ±.121 [30732] / -0 726-732 [186536-188080] ±.122 [30986] / -0 732-738 [188080-189624] ±.123 [31240] / -0 738-744 [189624-191168] ±.124 [31494] / -0 744-750 [191168-192712] ±.125 [31748] / -0 750-756 [192712-194256] ±.126 [32002] / -0 756-762 [194256-195800] ±.127 [32256] / -0 762-768 [195800-197344] ±.128 [32510] / -0 768-774 [197344-198888] ±.129 [32764] / -0 774-780 [198888-200432] ±.130 [33018] / -0 780-786 [200432-201976] ±.131 [33272] / -0 786-792 [201976-203520] ±.132 [33526] / -0 792-798 [203520-205064] ±.133 [33780] / -0 798-804 [205064-206608] ±.134 [34034] / -0 804-810 [206608-208152] ±.135 [34288] / -0 810-816 [208152-209696] ±.136 [34542] / -0 816-822 [209696-211240] ±.137 [34796] / -0 822-828 [211240-212784] ±.138 [35050] / -0 828-834 [212784-214328] ±.139 [35304] / -0 834-840 [214328-215872] ±.140 [35558] / -0 840-846 [215872-217416] ±.141 [35812] / -0 846-852 [217416-218960] ±.142 [36066] / -0 852-858 [218960-220504] ±.143 [36320] / -0 858-864 [220504-222048] ±.144 [36574] / -0 864-870 [222048-223592] ±.145 [36828] / -0 870-876 [223592-225136] ±.146 [37082] / -0 876-882 [225136-226680] ±.147 [37336] / -0 882-888 [226680-228224] ±.148 [37590] / -0 888-894 [228224-229768] ±.149 [37844] / -0 894-900 [229768-231312] ±.150 [38098] / -0 900-906 [231312-232856] ±.151 [38352] / -0 906-912 [232856-234400] ±.152 [38606] / -0 912-918 [234400-235944] ±.153 [38860] / -0 918-924 [235944-237488] ±.154 [39114] / -0 924-930 [237488-239032] ±.155 [39368] / -0 930-936 [239032-240576] ±.156 [39622] / -0 936-942 [240576-242120] ±.157 [39876] / -0 942-948 [242120-243664] ±.158 [40130] / -0 948-954 [243664-245208] ±.159 [40384] / -0 954-960 [245208-246752] ±.160 [40638] / -0 960-966 [246752-248296] ±.161 [40892] / -0 966-972 [248296-249840] ±.162 [41146] / -0 972-978 [249840-251384] ±.163 [41396] / -0 978-984 [251384-252928] ±.164 [41650] / -0 984-990 [252928-254472] ±.165 [41904] / -0 990-996 [254472-256016] ±.166 [42158] / -0 996-1002 [256016-257560] ±.167 [42412] / -0 1002-1008 [257560-259104] ±.168 [42666] / -0 1008-1014 [259104-260648] ±.169 [42916] / -0 1014-1020 [260648-262192] ±.170 [43170] / -0 1020-1026 [262192-263736] ±.171 [43424] / -0 1026-1032 [263736-265280] ±.172 [43678] / -0 1032-1038 [265280-266824] ±.173 [43928] / -0 1038-1044 [266824-268368] ±.174 [44182] / -0 1044-1050 [268368-269912] ±.175 [44436] / -0 1050-1056 [269912-271456] ±.176 [44690] / -0 1056-1062 [271456-273000] ±.177 [44944] / -0 1062-1068 [273000-274544] ±.178 [45198] / -0 1068-1074 [274544-276088] ±.179 [45452] / -0 1074-1080 [276088-277632] ±.180 [45706] / -0 1080-1086 [277632-279176] ±.181 [45960] / -0 1086-1092 [279176-280720] ±.182 [46214] / -0 1092-1098 [280720-282264] ±.183 [46468] / -0 1098-1104 [282264-283808] ±.184 [46722] / -0 1104-1110 [283808-285352] ±.185 [46976] / -0 1110-1116 [285352-286896] ±.186 [47230] / -0 1116-1122 [286896-288440] ±.187 [47484] / -0 1122-1128 [288440-289984] ±.188 [47738] / -0 1128-1134 [289984-291528] ±.189 [47988] / -0 1134-1140 [291528-293072] ±.190 [48242] / -0 1140-1146 [293072-294616] ±.191 [48496] / -0 1146-1152 [294616-296160] ±.192 [48750] / -0 1152-1158 [296160-297704] ±.193 [49004] / -0 1158-1164 [297704-299248] ±.194 [49258] / -0 1164-1170 [299248-300792] ±.195 [49508] / -0 1170-1176 [300792-302336] ±.196 [49762] / -0 1176-1182 [302336-303880] ±.197 [50016] / -0 1182-1188 [303880-305424] ±.198 [50270] / -0 1188-1194 [305424-306968] ±.199 [50524] / -0 1194-1200 [306968-308512] ±.200 [50778] / -0 1200-1206 [308512-310056] ±.201 [51032] / -0 1206-1212 [310056-311600] ±.202 [51286] / -0 1212-1218 [311600-313144] ±.203 [51540] / -0 1218-1224 [313144-314688] ±.204 [51794] / -0 1224-1230 [314688-316232] ±.205 [52048] / -0 1230-1236 [316232-317776] ±.206 [52302] / -0 1236-1242 [317776-319320] ±.207 [52556] / -0 1242-1248 [319320-320864] ±.208 [52810] / -0 1248-1254 [320864-322408] ±.209 [53064] / -0 1254-1260 [322408-323952] ±.210 [53318] / -0 1260-1266 [323952-325496] ±.211 [53572] / -0 1266-1272 [325496-327040] ±.212 [53826] / -0 1272-1278 [327040-328584] ±.213 [54080] / -0 1278-1284 [328584-330128] ±.214 [54334] / -0 1284-1290 [330128-331672] ±.215 [54588] / -0 1290-1296 [331672-333216] ±.216 [54842] / -0 1296-1302 [333216-334760] ±.217 [55096] / -0 1302-1308 [334760-336304] ±.218 [55350] / -0 1308-1314 [336304-337848] ±.219 [55604] / -0 1314-1320 [337848-339392] ±.220 [55858] / -0 1320-1326 [339392-340936] ±.221 [56108] / -0 1326-1332 [340936-342480] ±.222 [56362] / -0 1332-1338 [342480-344024] ±.223 [56616] / -0 1338-1344 [344024-345568] ±.224 [56870] / -0 1344-1350 [345568-347112] ±.225 [57124] / -0 1350-1356 [347112-348656] ±.226 [57378] / -0 1356-1362 [348656-350200] ±.227 [57632] / -0 1362-1368 [350200-351744] ±.228 [57886] / -0 1368-1374 [351744-353288] ±.229 [58140] / -0 1374-1380 [353288-354832] ±.230 [58394] / -0 1380-1386 [354832-356376] ±.231 [58648] / -0 1386-1392 [356376-357920] ±.232 [58902] / -0 1392-1398 [357920-359464] ±.233 [59156] / -0 1398-1404 [359464-361008] ±.234 [59410] / -0 1404-1410 [361008-362552] ±.235 [59664] / -0 1410-1416 [362552-364096] ±.236 [59918] / -0 1416-1422 [364096-365640] ±.237 [60172] / -0 1422-1428 [365640-367184] ±.238 [60426] / -0 1428-1434 [367184-368728] ±.239 [60680] / -0 1434-1440 [368728-370272] ±.240 [60934] / -0 1440-1446 [370272-371816] ±.241 [61188] / -0 1446-1452 [371816-373360] ±.242 [61442] / -0 1452-1458 [373360-374904] ±.243 [61696] / -0 1458-1464 [374904-376448] ±.244 [61950] / -0 1464-1470 [376448-377992] ±.245 [62204] / -0 1470-1476 [377992-379536] ±.246 [62458] / -0 1476-1482 [379536-381080] ±.247 [62712] / -0 1482-1488 [381080-382624] ±.248 [62966] / -0 1488-1494 [382624-384168] ±.249 [63220] / -0 1494-1500 [384168-385712] ±.250 [63474] / -0 1500-1506 [385712-387256] ±.251 [63728] / -0 1506-1512 [387256-388800] ±.252 [63982] / -0 1512-1518 [388800-390344] ±.253 [64236] / -0 1518-1524 [390344-391888] ±.254 [64490] / -0 1524-1530 [391888-393432] ±.255 [64744] / -0 1530-1536 [393432-394976] ±.256 [64998] / -0 1536-1542 [394976-396520] ±.257 [65252] / -0 1542-1548 [396520-398064] ±.258 [65506] / -0 1548-1554 [398064-399608] ±.259 [65760] / -0 1554-1560 [399608-401152] ±.260 [66014] / -0 1560-1566 [401152-402696] ±.261 [66268] / -0 1566-1572 [402696-404240] ±.262 [66522] / -0 1572-1578 [404240-405784] ±.263 [66776] / -0 1578-1584 [405784-407328] ±.264 [67030] / -0 1584-1590 [407328-408872] ±.265 [67284] / -0 1590-1596 [408872-410416] ±.266 [67538] / -0 1596-1602 [410416-411960] ±.267 [67792] / -0 1602-1608 [411960-413504] ±.268 [68046] / -0 1608-1614 [413504-415048] ±.269 [68300] / -0 1614-1620 [415048-416592] ±.270 [68554] / -0 1620-1626 [416592-418136] ±.271 [68808] / -0 1626-1632 [418136-419680] ±.272 [69062] / -0 1632-1638 [419680-421224] ±.273 [69316] / -0 1638-1644 [421224-422768] ±.274 [69570] / -0 1644-1650 [422768-424312] ±.275 [69824] / -0 1650-1656 [424312-425856] ±.276 [70078] / -0 1656-1662 [425856-427400] ±.277 [70332] / -0 1662-1668 [427400-428944] ±.278 [70586] / -0 1668-1674 [428944-430488] ±.279 [70840] / -0 1674-1680 [430488-432032] ±.280 [71094] / -0 1680-1686 [432032-433576] ±.281 [71348] / -0 1686-1692 [433576-435120] ±.282 [71602] / -0 1692-1698 [435120-436664] ±.283 [71856] / -0 1698-1704 [436664-438208] ±.284 [72110] / -0 1704-1710 [438208-439752] ±.285 [72364] / -0 1710-1716 [439752-441296] ±.286 [72618] / -0 1716-1722 [441296-442840] ±.287 [72872] / -0 1722-1728 [442840-444384] ±.288 [73126] / -0 1728-1734 [444384-445928] ±.289 [73380] / -0 1734-1740 [445928-447472] ±.290 [73634] / -0 1740-1746 [447472-449016] ±.291 [73888] / -0 1746-1752 [449016-450560] ±.292 [74142] / -0 1752-1758 [450560-452104] ±.293 [74396] / -0 1758-1764 [452104-453648] ±.294 [74650] / -0 1764-1770 [453648-455192] ±.295 [74904] / -0 1770-1776 [455192-456736] ±.296 [75158] / -0 1776-1782 [456736-458280] ±.297 [75412] / -0 1782-1788 [458280-459824] ±.298 [75666] / -0 1788-1794 [459824-461368] ±.299 [75920] / -0 1794-1800 [461368-462912] ±.300 [76174] / -0 1800-1806 [462912-464456] ±.301 [76428] / -0 1806-1812 [464456-466000] ±.302 [76682] / -0 1812-1818 [466000-467544] ±.303 [76936] / -0 1818-1824 [467544-469088] ±.304 [77190] / -0 1824-1830 [469088-470632] ±.305 [77444] / -0 1830-1836 [470632-472176] ±.306 [77698] / -0 1836-1842 [472176-473720] ±.307 [77952] / -0 1842-1848 [473720-475264] ±.308 [78206] / -0 1848-1854 [475264-476808] ±.309 [78460] / -0 1854-1860 [476808-478352] ±.310						