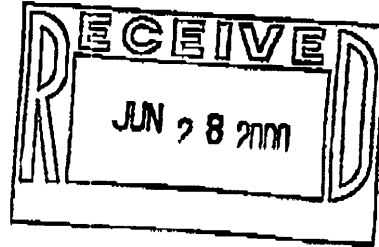


KK Series  
ie 143-141

Northbrook, Illinois • (847) 72-8800  
Melville, New York • (631) 471-6200  
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MOLEX INC  
MR J GABRIEL  
2222 WELLINGTON CT  
LISLE IL 60532



RE: Project Number(s) - 00NK19328

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ECBT2 June 19, 2000  
Connectors For Use In Data, Signal, Control And Power Applications - Component

MOLEX INC  
2222 WELLINGTON CT, LISLE IL 60532

E29179

Connectors for specific applications.

Series+ 1028, 1118, 1257, 1652, 1863, 1943, 2177, 2191, 2211, 2562, 2576, 2698, 2796, 2912, 4346, 5003, 5151, 5153, 6313, 6557, 6696, 6697, 6722, 6724, 6781, 6783, 6784, 6785, 6786, 6828, 6902, 6969, 8149, 35135, 35150, 35151, 35153, 35165, 35180, 35181, 35189, 35548, 35561, 35567, 35955, 35961, 40361, 40362, 40363, 40372, 40373, 40374, 40375, 40376, 40382, 40384, 40392, 40394, 40395, 40585, 41209, 41509, 41644, 41645, 41680, 41755, 42098, 42233, 42295, 42400, 42865, 43032, 43101, 43160, 43180, 43250, 43275, 43301, 43395, 43384, 43603, 43680, 43772, 43773, 43796, 44421, 44441, 45002, 51093, 52485, 52487, 53330, 53444, 53445, 67811, 73086, 73099, 87005, 87013, 87221, 87279, 87360, 87362, 87370, 87403, 87404, 87423, 87443, 87511, 87520, 87530, 87541, 87546, 87570, 87575, 87583, 90054, 90410, 90423, 90426, 90833, 90835, 98004.

Connectors, 0.0100 in (2.54 mm) center, dense packaging for modular interconnection systems.

Series+ 5547, 5548, 7723, 7859, 7990, 8624, 8676, 8723, 8724, 35811, 40077, 40556, 42375, 42376, 42377, 44147, 44148, 51029, 51030, 51040, 51041, 51042, 51043, 52107, 52108, 52109, 52112, 52133, 52134, 52135, 52299, 52302, 52379, 52385, 52386, 52479 to 52483 incl., 52495, 52496, 52506, 52763, 52795, 52877, 53103 to 53108 incl., 53229, 53230, 53238, 53234, 53294, 53296 to 53299 incl., 53315 to 53323 incl., 53334, 53349, 53483, 53508, 68124, 68300, 68301, 68302, 68303, 68304, 68305, 68306, 68307, 68308, 68309, 68310, 68311, 68312, 68313, 68314, 68315, 70004, 70019, 70018, 70022, 70057, 70066, 70104, 70107, 70181, 70182, 70183, 70184, 70185, 70191, 70192, 70194, 70195, 70203, 70204, 70206, 70209, 70210, 70211, 70213, 70216, 70218 to 70224 incl., 70227, 70229, 70238 to 70243 incl., 70264, 70265, 70273 to 70280 incl., 70289, 70289, 70294, 70295, 70309, 70319, 70329, 70343 to 70347 incl., 70364, 70365, 70373 to 70380 incl., 70389 to 70396 incl., 70400, 70403, 70430, 70431, 70450, 70470, 70475, 70478, 70541 to 70546 incl., 70551 to 70556 incl., 70561 to 70566 incl., 70571 to 70576 incl., 70634, 71172, 71308, 71384, 71973, 71987, 74190, 79085, 79168, 85001, 85002, 85003, 85009, 85011, 85012, 85013, 85014, 85015, 85017, 85030, 85040, 85042, 85048, 85050, 85052, 85054, 85056, 85160, 85322, 87054, C7092, 87153, 87156, 87195, 87256, 87257, 87258, 87260, 87411, 87424, 87540, 87556, 90059, 90147, 90148, 90160.

Connectors, 0.050 in (1.27 mm) centers for ribbon cable systems, D-sub mating headers, transition connectors.

Series+ 4700, 5320, 5321, 5328, 5330, 5332, 5336, 5340, 5342, 5350, 5360, 5370, 5380, 5494, 6700, 6874, 7330, 7401, 8173, 8621, 40312, 40315, 40387, 40501 to 40512 incl., 51109, 52007, 52008, 52011, 52012, 52037, 52147, 52151, 52153, 52184, 52273, 53426, 53517, 53608, 53618, 53619, 54037, 67211, 67221, 70121, 70491, 70498, 70499, 70625, 70973, 70974, 71061, 71163, 71247, 71295, 71413, 71425, 71430, 71891, 73631, 73776, 74302, 74303, 74305, 74306, 74307, 74308, 74314, 79058, 79059, 87012, 87568, 87571, 87572, 87620, 90325, 90327, 90571, 90572, 90635, 90663, 90708, 90709.

Series+ 74182

Connectors, 0.079 to 0.200 in (2.0 to 5.08 mm) centers for PCB with springbox terminals, spax wire-to-board.

Series+ 5102, 5195, 5196, 5197, 5198, 5199, 5207, 5208, 5209, 5231, 5233, 5234, 5240, 5264, 5267, 5268, 5410, 5411, 5418, 5420, 5428, 35127, 35128, 35155, 35156, 35164, 35184, 35191, 35199, 35312, 35313, 35328, 35528, 35930, 42219, 42249, 42267, 43061, 44169, 51005, 51006, 51038, 51067, 51103, 51107, 51114, 51138, 51198, 53083, 53258, 53259, 53265, 53266, 53375, 53384, 53415, 53426, 53517, 53608, 53618, 53619, 53720, 53727, 68143, 68328, 68330, 68332, 68334, 87007.

Connectors, 0.098 to 0.200 in (2.5 to 5.08 mm) centers for PCB interconnections, KK crimp terminals, housings, connectors, headers, insulation displacement connectors.

Series+ 1906, 2139, 2145, 2174, 2220, 2390, 2391, 2402, 2403, 2420, 2461, 2579, 2599, 2630, 2632, 2673, 2695, 2711, 2767, 2802, 2939, 2973, 3000, 3001, 3002, 3003, 3007, 3008, 3011, 3018, 3021, 3022, 3024, 3029, 3033, 3055, 3061, 3069, 3074, 3074, 3192, 3202, 3239, 3246, 3279, 4030, 4042, 4094, 4180, 4281, 4291, 4345, 4380, 4455, 5004, 5011, 5028, 5036, 5040, 5045, 5046, 5047, 5048, 5049, 5051, 5054, 5058, 5063, 5065, 5066, 5067, 5080, 5089, 5093, 5094, 5094, 5124, 5127, 5129, 5151, 5132, 5136, 5142, 5145, 5148, 5154, 5180, 5184, 5185, 5238, 5239, 5242, 5243, 5244, 5245, 5250, 5251, 5252, 5253, 5254, 5258, 5265, 5271, 5272, 5273 to 5293 incl., 5295, 5355, 5379, 5386, 5391, 5395, 5414, 5430, 5439, 5485, 5487, 5507,

# Underwriters Laboratories Inc.®

5530, 5535, 5536, 5567, 5579, 5586, 5587, 6124, 6238, 6255, 6266, 6339, 6340, 6345, 6373, 6410, 6462, 6471, 6524, 6663, 6672, 6745, 6837, 7478, 7690, 7720, 7743, 7790, 7795, 7822, 7832, 7880, 8619, 8853, 8950, 8951, 8994, 35022, 35023, 35210, 35211, 40099, 40136, 40146, 40187, 40338, 40367, 40438, 40585, 40611, 40775, 40788, 40798, 40913, 40922, 40976, 41162, 41399, 41661, 41662, 41671, 41672, 41681, 41682, 41695, 41701, 41711, 41721, 41741, 41743, 41761, 41771, 41772, 41773, 41791, 41792, 41815, 41851, 41861, 41871, 42009, 42140, 42143, 42225 to 42228 incl., 42254, 42279, 42441, 42443, 42461, 42471, 42472, 42473, 42491, 42492, 42624, 42821, 42841, 42861, 42871, 42872, 42892, 43009, 43738, 51001, 51011, 51036, 51085, 51144, 51191, 52075, 53038, 53039, 53061, 53405, 83406, 53520, 53521, 53525, 68340, 68341, 68342, 68343, 68344, 68346, 70332, 87004, 87051, 87103, 87300, 87585, 87605, 89014, 89015, 90331, 90536.

**Connectors for SIP packages, SIMM sockets, edge connectors.**  
 Series+ 2184, 2574, 4338, 4504, 6063, 6422, 6511, 6777, 8706, 71003, 71006, 71015, 71109, 71124, 71243, 71251, 71297, 71481, 71736, 71796, 73705, 73817, 73818, 73835, 74080, 74081, 74191, 74810, 74816, 74824, 74829, 74830, 74832, 74833, 74834, 74835, 74841, 74842, 74844, 74859, 74863, 74867, 74872, 74877, 74881, 74893, 74905, 74906, 74908, 74909, 74910, 74913, 74916, 74920, 74922, 74923, 74924, 74954, 74955, 74961, 74962, 74964, 74968, 74976, 74977, 74993, 87020, 87028, 87085, 87087, 87122, 87533, 87535, 87538, 87587, 89212, 90923, 90924.

**Connectors for flat flexible cable, membrane switch tails, planar cable.**  
 Series+ 4850, 5138, 5143, 5229, 5353, 5597, 7223, 7275, 7660, 7664, 7674, 7675, 7712, 7791, 35224, 35233, 35802, 40791, 41066, 41978, 52043, 52044, 52045, 52067, 52068, 52103, 52182, 52207, 52234, 52268, 52271, 52287, 52288, 52425, 52587, 52610, 52793, 52852, 52988, 54211, 71220, 71226, 87394.

**Series+ 90500, 90500.**

**Connectors sockets for transducers, transistors, PLCCs, SIPs, DIPs, integrated circuits.**  
 Series+ 41000, 70969, 71466, 74887, 74888, 74891, 74891, 74891, 87088, 87124, 87164, 87246, 89235, 89289.

**Connectors, pin and socket type, high power, special purpose components.**  
 Series+ 1055, 1261, 1292, 1319, 1360, 1375, 1396, 1461, 1490, 1545, 1554, 1585, 1619, 1625, 1649, 1653, 1770, 1771, 1772, 1776, 1796, 1800, 1801, 1816, 1840, 1843, 1848, 1881, 1951, 1991, 2004, 2081, 2107, 2112, 2154, 2156, 2163, 2201, 2298, 2300, 2629, 2687, 2696, 2801, 2894, 3099, 3191, 3277, 4154, 4283, 4306, 5025, 5190, 5209, 5219, 5298, 5557, 5559, 5566, 5569, 6496, 6782, 8981, 30067, 30068, 30069, 30070, 35108, 35141, 35143, 35183, 35204, 35317, 35318, 40372, 40750, 41049, 41058, 41196, 41456, 41459, 42002, 42021, 42022, 42100, 42101, 42102, 42179, 42191, 42208, 42221, 42262, 42348, 42382, 42385, 42390, 42404, 42411, 42416, 42417, 42440, 42450, 42458, 42474, 42475, 42548, 42608, 42641, 42677, 42732, 42733, 42734, 42786, 42816, 42818, 42819, 42820, 43020, 43025, 43045, 43101, 43106, 43149, 43215, 43232, 43242, 43254, 43255, 43260, 43270, 43274, 43380, 43459, 43460, 43510, 43511, 43512, 43513, 43514, 43515, 43640, 43645, 43650, 43759, 43760, 43770, 43838, 43839, 43914, 43915, 43938, 43952, 43953, 43954, 43955, 43973, 43974, 44032, 44033, 44040, 44041, 44129, 44156, 44157, 44352, 44457, 44464, 44472, 44473, 44474, 44475, 44482, 44483, 44489, 51010, 51011, 51013, 51045, 51046, 51096, 51142, 51157, 51192, 51193, 51194, 51195, 51203, 51204, 52025, 52034, 52148, 52556, 53109, 53111, 53113, 53728, 54293, 54294, 54368, 54370, 54478, 54479, 55005, 55117, 55120, 55209, 55211, 55347, 55348, 67120, 67219, 70156, 70969, 71156, 71231, 71233, 71690, 71694, 87218, 87427, 87606, 87607, 87615, 87616. Optional hardware for Series 58320, 58321, 58462, 58466, 58468.

**Connectors, 0.5 to 2.0 mm center micro for flat flexible cable (FFC), board-to-board, wire-to-board, wire-to-wire.**  
 Series+ 5480, 5483, 5484, 5512, 5513, 5532, 5533, 5613, 5633, 80404, 30452, 35223, 35294, 35237, 35238, 35239, 35336, 35337, 35362, 35363, 35507, 51004, 51015, 51021, 51024, 51065, 51089, 51090, 51110, 51111, 51112, 51113, 51144, 52061, 52559, 52465, 52484, 52502, 52504, 52584, 52631, 52637, 52639, 52643, 52686, 52688, 52691, 52793, 52806, 52841, 52844, 52852, 52874, 52918, 53014, 53015, 53025, 53045, 53052, 53053, 53062, 53063, 53067, 53087, 53134, 53253, 53254, 53261, 53263, 53264, 53313, 53314, 53324, 53325, 53358, 53396, 53397, 53398, 53401, 53460, 53462, 53543, 53585, 53661, 53777, 53780, 53857, 53858, 53896, 53974, 54016, 54017, 54018, 54082, 54083, 54084, 54085, 54088, 54089, 54111, 54165, 54269, 54417, 55083, 55270, 67155, 71075, 71078, 71264, 71265, 71436, 71439, 71660, 71661, 71741, 71742, 73690, 73691, 73707, 73708, 73709, 73718, 73719, 87026, 87029, 87038, 87049, 87089, 87091, 87202, 87239, 87259, 87263, 87264, 87267, 87273, 87288, 87293, 87305, 87306, 87307, 87308, 87309, 87320, 87327, 87331, 87332, 87333, 87334, 87338, 87340, 87344, 87354, 87364, 87368, 87369, 87380, 87381, 87383, 87386, 87400, 87429, 87433, 87436, 87437, 87438, 87439, 87512, 87525, 87534, 87537, 87545, 87547, 87550, 87551, 87555, 87559, 87563, 87564, 87567, 87577, 87579, 87586, 87599, 87600, 89177, 89400, 89401, 89438, 91317.

**Connectors, I/O, D-subminiature for round or flat shielded cables in high speed data busing.**  
 Series+ 52316, 52866, 53803, 53804, 53805, 53994, 54030, 54906, 54329, 67023, 67039, 67040, 67041, 67042, 67047, 67068, 71310, 71325, 71350, 71355, 71505, 71564, 71565, 82008, 82009, 82012, 82020, 82033, 82034, 82047, 87112, 87118, 87119, 87123, 87203, 87204, 87220, 87226, 87418, 87525, 87531, 87552, 89180, 89181, 89219, 89220, 89221, 89269, 89270, 89271, 89432, 89440, 89459, 89460, 89461, 89462, 89485.

**Connectors, Series (+) 51163, 73642, 73643, 73644, 73651, 73656, 73659, 73670, 73769, 73770, 73771, 73781, 73782, 73783, 73797, 73798, 73799, 73800, 73801, 73802, 73809, 73810, 73942, 73943, 73944, 85100, 85101, 85102, 85103, 85104, 85105, 85106, 85107, 85108, 85109, 85150, 85151, 85152, 85153, 85154, 85155, 85156, 85157, 85158, 85159.**

**Connectors, LSH system. Series+ 67023, 67047, 67068, 70660, 70665, 70928, 70929, 71182, 71230, 71235, 71475, 71478, 71536, 71537, 71624, 71621, 71631, 71633, 71691, 71718, 71719, 71720, 71754, 74320, 74323, 74383, 89180, 89181, 89432.**

**Connectors, miscellaneous. Series+ 35141, 35143.**  
 Series+ 35135, 35150, 35151, 35153.  
 Series+ 79909.

**Retainer housing, Cat. No. (+) 51164.**

**Low voltage connectors. Model 67023, 89180, 89181 or 89432 followed by A, B, C or E, followed by 09, 15, 25 or 37, followed by P or S, followed by A, B, C or E, followed by 09, 15, 25 or 37, followed by P or S, followed by A, B or C, followed by 4N, 4NJ, 4NR, J or R, followed by A, B or C.**

**Model 87203, 87204 or 89263 followed by A thru G, followed by 09, 15, 19, 23, 25, 26, 37, 44, 50, 62, 78, followed by 09, 15, 19, 23, 25, 26, 37, 44, 50, 62, 78, followed by P or S, followed by one or two letters, followed by A, B or C.**

**Models 89290 followed by C or D, followed by 09, 15, 19, 23, 25, 26, 37, 44, 50, 62 or 78, followed by P or S, followed by BR, K, KJ, R or SL, followed by 1, 2, 3 or 4, followed by A, B or C.**

**System connectors, + 740 Series.**

**Series designations may incorporate prefix and/or by suffix numbers and letters.**  
 (+) May incorporate four digit suffix.

**Marking: Company name or trademark, "Molex" in a circle, factory identification code letters ("JX", "MDM", "MHK", "MJC", "MJE", "MJN", "MJW", "MK2", "MK3", "MSH", "MTH", "MX", "MXA", "MXC", "MXF", "MXG", "MXH", "MXHK", "MXI", "MXI1", "MXK", "MXL", "MXM", "MXN", "MXO", "MXP", "MXQ", "MXS", "MXS-E", "MXS-E1", "MXT", "MXU", "MXV", "MXW", "TSA") and series designation on device or carton.**

See General Information Preceding These Recognitions  
 For use only in equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.