

ENGINEERING NO. - NUMERICAL CODE (Available parts see PART LIST table. Others on request).

OPTIONS

8 0 X 0 0 6 X X X X X X X X

80=M12x1
Single ended

Contacts:
3=3 Contacts
4=4 Contacts
5=5 Contacts
8=8 Contacts

Heads style:
006=Plug Male Straight

Cable type: See Table

Units:
M=Meter

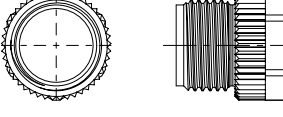
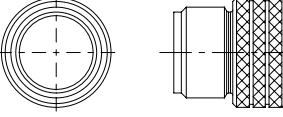
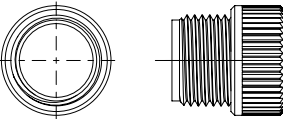
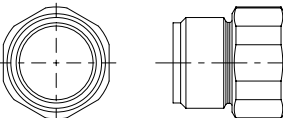
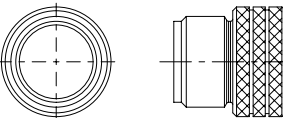
Length
Examples:
005=0.5 unit
010=1 unit
100=10 units

Overmold color:
Blank (Standard)=Black
A=Grey / G=Black / Y=Yellow
For Cable A09=Yellow

Coupling Nut:
Blank (Standard) & 3=Knurled Brass Ni Plated
1 or 8=Hexagonal Stainless steel
5=Knurled Derlin
7=Knurled Brass Ni Plated, Teflon Coated
Blank=7 for cables I20, I26, K03, K05, P82, S26
9=Knurled / Hexagonal Brass Ni Plated

H= 2 pcs. of I/D Carrier PVC Transparent

COUPLING NUTS

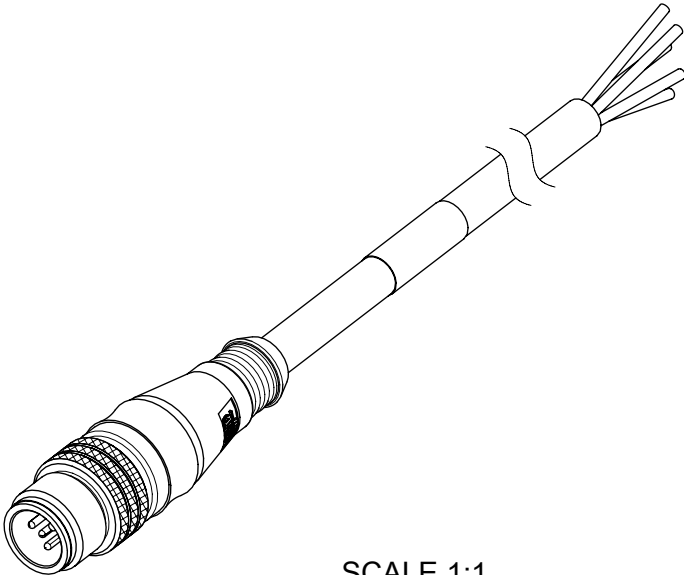


CABLE INFORMATION (for more information see Cable Data Sheet).

CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	DRAG CHAIN	SHIELD
E02	3 / 4 / 5 / 8	0.25mm ²	PVC BLACK	UL 2464/1729	C22.2 I/II A/B 80°C/300V	-30°C to +80°C, 10xO.D.	-10°C to +80°C, 15xO.D.	-	-
E03	3 / 4 / 5	0.34mm ²	PVC BLACK	UL 2464/1729	C22.2 I/II A/B 80°C/300V	-30°C to +80°C, 10xO.D.	-10°C to +80°C, 15xO.D.	-	-
H08	3 / 4 / 5 / 8	0.25mm ²	PUR BLACK LS0H	UL 21198/10493	C22.2 I/II A/B 80°C/300V	-40°C to +80°C, 5xO.D.	-25°C to +80°C, 10xO.D.	2 000 000 cycles at 20°C, Temp. range +5°C to +60°C	-
H09	3 / 4 / 5	0.34mm ²	PUR BLACK LS0H	UL 21198/10493	C22.2 I/II A/B 80°C/300V	-40°C to +80°C, 5xO.D.	-25°C to +80°C, 10xO.D.	2 000 000 cycles at 20°C, Temp. range +5°C to +60°C	-
P02	3 / 4 / 5 / 8	0.25mm ²	PUR / PVC BLACK	-	-	-30°C to +80°C, 7xO.D.	-5°C to +80°C, 15xO.D.	-	-
P03	3 / 4 / 5	0.34mm ²	PUR / PVC BLACK	-	-	-30°C to +80°C, 7xO.D.	-5°C to +80°C, 15xO.D.	-	-
A09	3	0.34mm ²	PVC YELLOW						-

CABLE LENGTH TOLERANCES

OVER	UP TO AND INCLUDING	TOLERANCES
0	305mm	+19mm
305mm	915mm	+45mm
915mm	1830mm	+56mm
1830mm	3660mm	+89mm
3660mm	7320mm	+165mm
7320mm	14640mm	+317mm
14640mm	30500mm	+610mm
30500mm	>	+2% of finished length



SCALE 1:1

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS	SCALE	CURRENT REV DESC: OBSOLETE PART NUMBERS AS PER PCN#506884							
mm	1:1								
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL	± 1.0 °								
4 PLACES	±								
3 PLACES	±								
2 PLACES	± 0.05								
1 PLACE	± 0.3								
0 PLACES	± 0.5								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER		
			A3-SIZE	120065	SEE TABLE	GENERAL MARKET	2 OF 4		

DOCUMENT STATUS	P1	RELEASE DATE	2021/06/02	05:45:28
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FORMAT: master-b-prod-A3
REVISION: J
DATE: 2020/01/14

A

No.	Part No.	Engineering No.	Cable Length
106	1200658727	804006H09M010	1m
107	1200658728	804006H09M015	1.5m
108	1200658729	804006H09M020	2m
109	1200658730	804006H09M030	3m
110	1200658731	804006H09M040	4m
111	1200658732	804006H09M050	5m
112	1200658733	804006H09M100	10m
113	1200658741	805006H09M010	1m
114	1200658742	805006H09M015	1.5m
115	1200658743	805006H09M020	2m
116	1200658744	805006H09M030	3m
117	1200658745	805006H09M040	4m
118	1200658746	805006H09M050	5m
119	1200658747	805006H09M100	10m
120	1200658784	804006E03M0101H	1m
121	1200658785	804006E03M1001H	10m
122	1200658876	804006E03M150	15m
123	1200658881	803006E03M050G	5m
124	1200658888	804006E03M020H	2m
125	1200658890	804006H09M003	0.3m
126	1200658892	803006H09M003	0.3m
127	1200658893	804006E03M050H	5m
128	1200658895	804006H09M200	20m
129	1200658897	805006E03M200	20m
130	1200658913	805006P03M030	3m
131	1200659034	804006E02M050	5m
132	1200659036	804006E02M070	7m
133	1200659037	804006E02M100	10m
134	1200659041	808006E02M005	0.5m
135	1200659109	804006E02M020	2m
136	1200659111	803006E02M050	5m
137	1200659141	805006H09M200	20m
138	1200659142	805006H09M300	30m
139	1200659145	805006E03M300	30m
140	1200659149	805006H09M005	0.5m

PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. CIRCULATED PART NUMBERS: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1

FORMAT: master-tb-prod-A3 REVISION: J DATE: 2020/01/14	9	8
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10	9	8	7	6	5	4	3	2	1		
PART LIST											
No.	Part No.	Engineering No.	Cable Length	No.	Part No.	Engineering No.	Cable Length	No.	Part No.	Engineering No.	Cable Length
141	1200659154	804006P03M100Y	10m	176	1200659557	804006P03M003	0.3m	211			
142	1200659185	805006E03M080	8m	177	1200659612	804006P03M080	8m	212			
143	1200659186	804006E03M060	6m	178	1200659692	803006E02M020	2m	213			
144	1200659190	804006P03M250	25m	179	1200659983	804006E02M075	7.5m	214			
145	1200659191	804006P03M300	30m	180	1200659991	804006E02M0705	7m	215			
146	1200659192	804006P03M350	35m	181	1200656021	804006H09M050H	5m	216			
147	1200659193	804006P03M400	40m	182	1200659539	808006E02M100	** 10m	217			
148	1200659194	804006E03M250	25m	183	1200656293	803006E03M080	8m	218			
149	1200659195	804006E03M300	30m	184	1200656294	803006E03M120	12m	219			
150	1200659196	804006E03M350	35m	185	1200656295	804006E03M080	8m	220			
151	1200659197	804006E03M400	40m	186	1200656297	808006H08M005	0.5m	221			
152	1200659198	804006E03M450	45m	187	1200650843	803006A09M0208	* 2m	222			
153	1200659224	805006P03M200	20m	188				223			
154	1200659225	805006P03M300	30m	189				224			
155	1200659254	804006E03M500	50m	190				225			
156	1200659281	805006P03M150	15m	191				226			
157	1200659285	805006E03M150	15m	192				227			
158	1200659316	805006P03M005H	0.5m	193				228			
159	1200659317	805006P03M007H	0.7m	194				229			
160	1200659318	805006P03M010H	1m	195				230			
161	1200659319	805006P03M020H	2m	196				231			
162	1200659320	805006P03M050H	5m	197				232			
163	1200659321	805006P03M100H	10m	198				233			
164	1200659322	805006P03M150H	15m	199				234			
165	1200659323	805006P03M200H	20m	200				235			
166	1200659324	805006P03M300H	30m	201				236			
167	1200659325	805006P03M350H	35m	202				237			
168	1200659367	805006E03M015	1.5m	203				238			
169	1200659454	805006E03M045	4.5m	204				239			
170	1200659455	805006E03M075	7.5m	205				240			
171	1200659513	805006E03M030H	3m	206				241			
172	1200659514	805006E03M045H	4.5m	207				242			
173	1200659515	805006E03M075H	7.5m	208				243			
174	1200659550	804006E03M120H	12m	209				244			
175	1200659551	805006E03M010H	1m	210				245			

NOTES:

* - Part No. with Yellow PVC overmolding

** - Part No. with Black PVC overmolding

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DIMENSION UNITS

SCALE

mm

1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 1.0 °

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.05

1 PLACE ± 0.3

0 PLACES ± 0.5

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: OBSOLETE PART NUMBERS AS PER PCN#506884

EC NO: 662770

DRWN: SUGEEB

CHK'D: GGA

APPR: GGA

INITIAL REVISION:

DRWN: JMARSZALEK

APPR: RSILLER

2021/02/23

2021/06/02

2021/06/02

2016/01/12

2016/04/08

THIRD ANGLE PROJECTION

DRAWING

SERIES

DOCUMENT NUMBER

1200659185

MATERIAL NUMBER

SEE TABLE

DOC TYPE

PSD

DOC PART

000

REVISION

A8

CUSTOMER

GENERAL MARKET

SHEET NUMBER

4 OF 4

CSE M12 XP AC MA STR XM SE UNSH

PRODUCT CUSTOMER DRAWING

DOCUMENT STATUS

P1

RELEASE DATE

2021/06/02

05:45:28

9

8

7

6

5

4

3

2

1

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Authorized Distributor

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