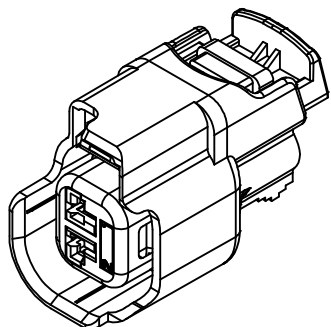
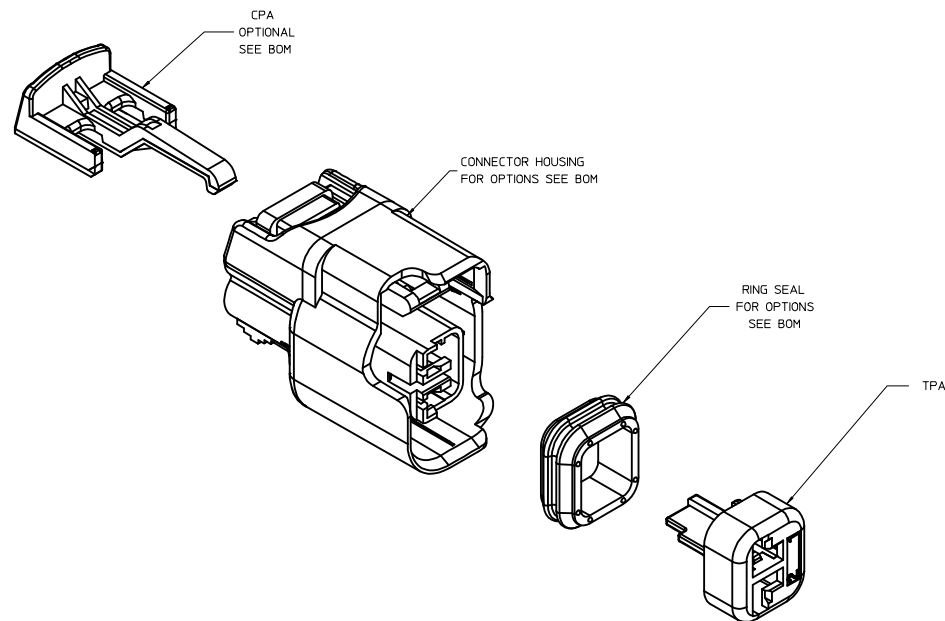


TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES
2, 3	CONFIGURATIONS
4	RECEPTACLE CONNECTOR ASSEMBLY
5	MOLEX INTERFACE

NOTES: VALID UNLESS OTHERWISE SPECIFIED

- GENERAL:
 - APPLICATION SPECIFICATION SEE: AS-34062-000
-CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.
 - PRODUCT SPECIFICATION SEE: PS-34062-000
CONTAINS: SCOPE, PRODUCT DESCRIPTION, INTEGRAL COMPONENTS AND ACCESSORIES, APPLICABLE DOCUMENTS AND SPECIFICATIONS, RATINGS, PERFORMANCE, PACKAGING, GAUGE AND FIXTURES, AND OTHER INFORMATION.
 - PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-30907-879
 - PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: ES-40000-5016
 - DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)
 - DESIGNED TO MATE WITH DEVICE CONNECTION AS SPECIFIED IN DRAWING EWCAP 150-S-002-1-Z01. AVAILABLE AT <http://ewcap.uscarteams.org/>.
- DESIGN - MATERIALS:
 - SEE BOM TABLE IN SD-34062-004
- DESIGN - GEOMETRY:
 - THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
 - GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994
 - EDGES AND UNDIMENSIONED DETAILS PER ISO13715
 - CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
 - LETTERING SHALL BE 0.15 MAX RAISED IN 0.25 MAX RECESS PAD. THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER.
 - VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)
 - LASER MARKING: TBD

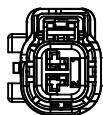
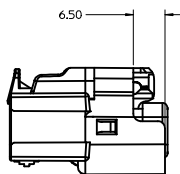


INSPECTION NUMBER LOG
LAST NUMBER USED:
ADDED:
REMOVED:

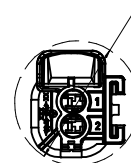
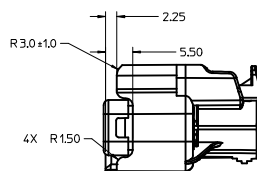
J11	MOVED BOM TO MOLEX DRAWING E-34062-004
J10	P/N 34062-0048 THRU 0055 & 0056 SALEABLE
J9	UPDATED VIEWS
J8	UPDATE 34062-0057
J7	ADDED P/N 34062-0057
J6	P/N 34062-0041, 0043, 0044, & 0046 SALEABLE
J5	ADDED P/N 34062-0056
J4	ADDED P/N 34062-4003 & 34062-4004
J3	34062-0042 & 34062-0045 SALEABLE
J2	UPDATED VIEWS
REV	DESCRIPTION

ENTER DESCRIPTION IEC NO: UAU2016-0110 DRAWN: BORUSZSKI 1/2015/07/23 CHKD: APPR: WOSHY		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
J12		▽=0		4 PLACES ± ---		DRAWN BY KCUNNINGHAM 2011/11/08		DATE		TITLE		MX150 2 WAY CABLE SEAL RECEPTACLE CONN. SYSTEM (5.0MM PITCH)	
		▽=0		3 PLACES ± ---		CHECKED BY MYANSLAMBROU 1/26/2012		DATE		APPROVED BY		DATE	
		▽=0		2 PLACES ± 0.10									
				1 PLACE ± 0.3									
				0 PLACE ±									
				ANGULAR ± 3 °		MATERIAL NO.		SEE NOTE 2a.		DOCUMENT NO.		SD-34062-002	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				SHEET NO. 1 OF 5	

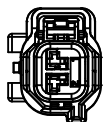
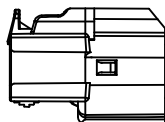
SHEET DESCRIPTION
CONFIGURATIONS



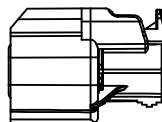
OPTION A W/CLIP-SLOT



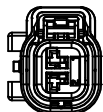
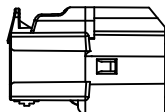
Ø 25.50
MINIMUM PASS-THRU WITH
NO CLEARANCE
APPLIES TO CLIP-SLOT
OPTIONS A, C AND D



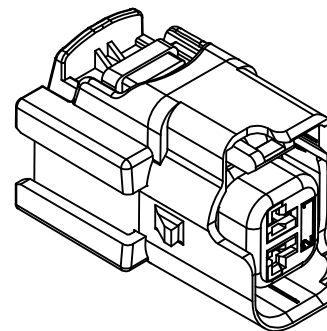
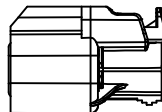
OPTION B W/CLIP-SLOT



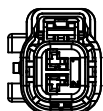
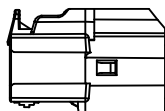
Ø 26.00
MINIMUM PASS-THRU WITH
NO CLEARANCE
APPLIES TO CLIP-SLOT
OPTIONS B



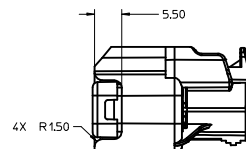
OPTION C W/CLIP-SLOT



CLIP-SLOT OPTION
SCALE 4:1



OPTION D W/CLIP-SLOT

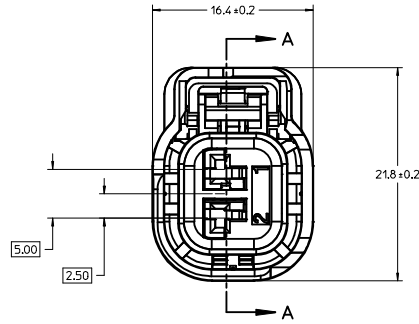
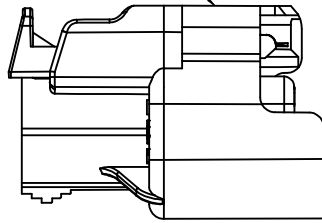


ENTER DESCRIPTION EC NO: UAU2016-0110 DRWN:KBRUSZENSKI 2015/07/23 CHKD: APPR:WKOSHY 2015/07/27 REV J12	QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	▽=0		mm	INCH	DRAWN BY	DATE	TITLE		
	▽=0	4 PLACES	±	---	KCUNNINGHAM	2011/11/08	MX150 2 WAY CABLE SEAL		
	▽=0	3 PLACES	±	---	CHECKED BY	DATE	RECEPTACLE CONN. SYSTEM		
	▽=0	2 PLACES	±	0.10	MVANSLAMBROU	1/26/2012	(5.0MM PITCH)		
		1 PLACE	±	0.3	APPROVED BY	DATE	molex		
		0 PLACE	±						
					ANGULAR	± 3 °	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
					DRAFT WHERE APPLICABLE		SEE NOTE 2a.	SD-34062-002	3 OF 5
				MUST REMAIN		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX			
				WITHIN DIMENSIONS		INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

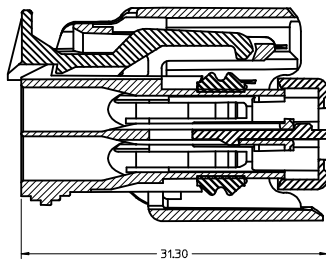
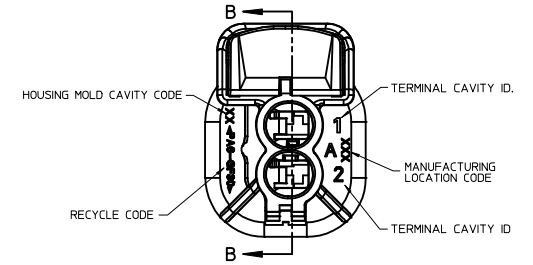
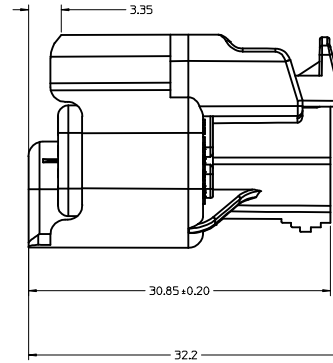
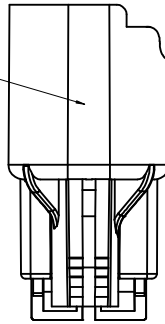
SHEET DESCRIPTION

RECEPTACLE CONNECTOR ASSEMBLY

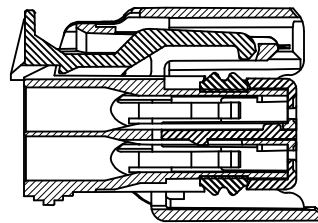
OPTIONAL LASER MARKING SURFACE
SEE NOTE h.



OPTIONAL LASER MARKING SURFACE
SEE NOTE h.



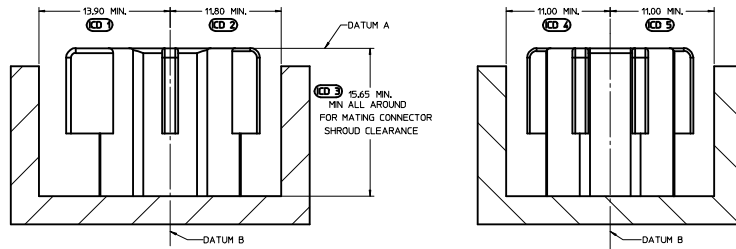
TPA SHOWN IN THE
PRE-STAGED POSITION
SECTION A-A



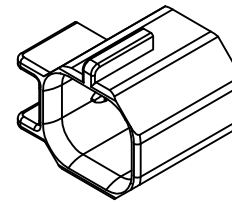
SECTION B-B
TPA SHOWN IN
FINAL-LOCK POSITION

ENTER DESCRIPTION			QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
LEC NO: UAU2016-0110			DRAWN BY		mm		MM ONLY		4:1		METRIC		THIRD ANGLE PROJECTION	
DRAWN BY: UAU2016-0110			DATE		INCH		DATE		DATE		DATE		DATE	
CHKD: DRWN: BORUSZENSKI 2015/07/23			DATE		4 PLACES ± --- ± ---		KCUNNINGHAM 2011/11/08		DATE		DATE		DATE	
APPR: WKSHY 2015/07/27			DATE		3 PLACES ± --- ± ---		MYANSLAMBROU 1/26/2012		DATE		DATE		DATE	
REV			DATE		2 PLACES ± 0.10 ± ---		APPROVED BY		DATE		DATE		DATE	
J12			DATE		1 PLACE ± 0.3 ± ---		MATERIAL NO.		SEE NOTE 2a.		DOCUMENT NO.		SHEET NO.	
			DATE		0 PLACE ± ±		SIZE		D		SD-34062-002		4 OF 5	
			DATE		ANGULAR ± 3 °		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
			DATE		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									

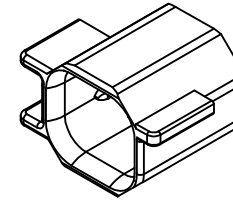
IF A HEADER IS RECESSED INTO A POCKET, THESE DIMENSIONS REPRESENT THE MINIMUM CLEARANCE REQUIRED FOR THE MATING CONNECTOR SHROUD.



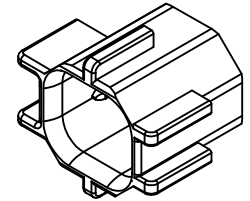
PACKAGING FRAME



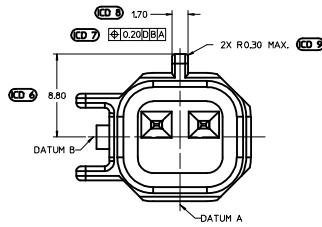
OPTION G



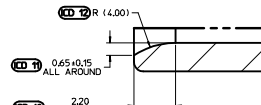
OPTION F



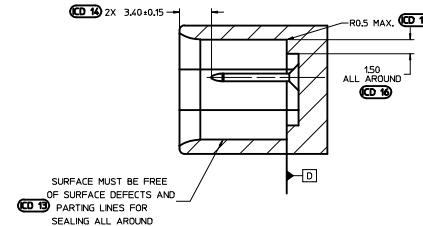
OPTION E



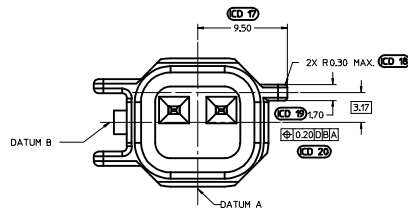
OPTION G
SAME AS OPTION F
EXCEPT AS SHOWN



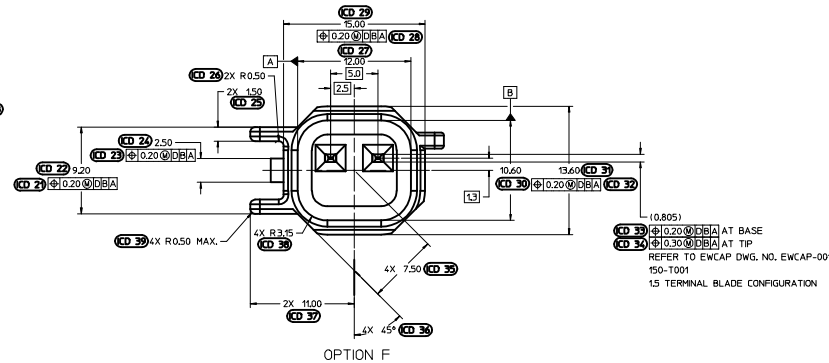
DETAIL 2
SCALE 10:1



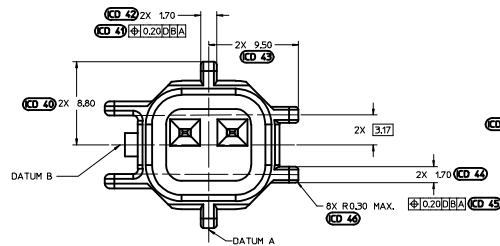
SECTION W-W



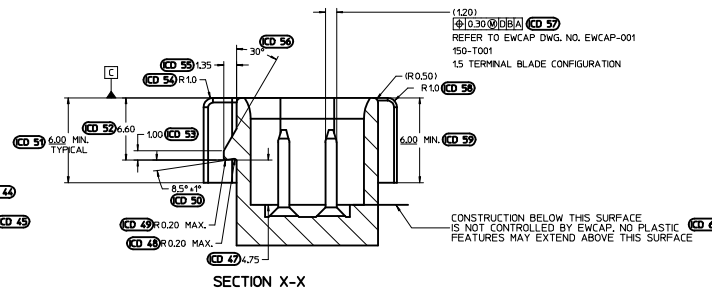
OPTION F



OPTION F



OPTION E
SAME AS OPTION F
EXCEPT AS SHOWN



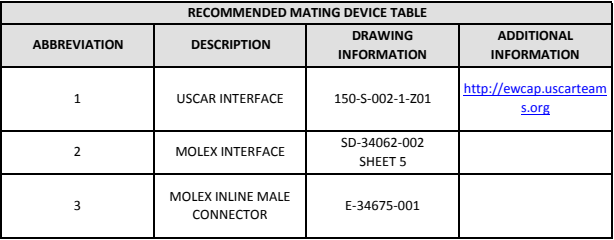
SECTION X-X

NOTES: UNLESS OTHERWISE SPECIFIED

- ALL DIMENSIONS SHOWN IN MILLIMETERS.
- DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994
- 0.25 RADII ON ALL CORNERS SHOWN SHARP.
- UNSPECIFIED RADII: 0.25 EXCEPT AS NOTED.
- STANDARD COLORS FOR POLARIZATION (SEE CHART).
DEVIATION REQUIRES APPROVAL OF AUTHORIZED PERSON.
- REFER TO SAE/USCAR 12 CONNECTOR GUIDELINES FOR ADDITIONAL REQUIREMENTS.
- EXCEPT WHERE NOTED, DRAFT ON OUTSIDE SURFACES IS PERMISSIBLE WITHIN TOLERANCE.
- $\square \rightarrow$ SYMBOL INDICATES DRAFT DIRECTION.
- FOR TERMINAL MATERIAL, DIMENSIONAL, AND COATING REQUIREMENTS AND ANY BLADE TERMINAL DESIGN INFORMATION NOT SHOWN ON THIS DRAWING SEE EWCAP DWG. NO. EWCAP-001
- A FULL SHROUD ON THE MATING CONNECTOR IS REQUIRED TO INSURE THAT THE CONNECTOR-HEADER POLARIZATION FEATURES (OPTIONS A THRU D) WILL FUNCTION. THE FULL SHROUD ALSO PREVENTS SCOOP DAMAGE TO THE HEADER PINS. REFER TO SAE/USCAR-12 CONNECTOR DESIGN GUIDE LINES FOR ADDITIONAL INFORMATION.
- REFER TO USCAR/EWCAP PART LIST AS FOUND ON WEBSITE <http://www.uscarteams.org>
- THIS IS A 100% CAD GENERATED PART. THE CAT MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.

E	BLACK	E
F	GRAY	D
G	BLACK	C
OPTION	COLOR	SIMILAR TO AFL DRAWING R6341 (OPTION GEOMETRY IDENTICAL)

ENTER DESCRIPTION EC NO. UAL2016-010 DRAWING NO. 2015/07/23 DATE: 2015/07/27 APPROVED: J12	QUALITY SYMBOLS ▽=0 ▽=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	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± 0.10 ± 0.004 3 PLACES ± 0.15 ± 0.006 2 PLACES ± 0.20 ± 0.008 1 PLACE ± 0.30 ± 0.010 0 PLACE ± 0.50 ± 0.015 ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY DATE K CUNNINGHAM 2011/11/08 CHECKED BY DATE M VANS LAMBROU 1/26/2012 APPROVED BY DATE	SCALE 5:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE MX150 2 WAY CABLE SEAL RECEPTACLE CONN. SYSTEM (5.0MM PITCH) molex DOCUMENT NO. SD-34062-002 SHEET NO. 5 OF 5
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BOM/ APPLICABLE COMPONENTS TABLE			
ABBREVIATION	DESCRIPTION	COLOR	MATERIAL
A-BLK	HOUSING KEYING OPTION A	BLACK	PA6 GF30
B-LG	HOUSING KEYING OPTION B	LIGHT GRAY	PA6 GF30
C-BLK	HOUSING KEYING OPTION C	BLACK	PA6 GF30
D-BLK	HOUSING KEYING OPTION D	BLACK	PA6 GF30
D-LG	HOUSING KEYING OPTION D	LIGHT GRAY	PA6 GF30
E-BLK	HOUSING KEYING OPTION E	BLACK	PA6 GF30
F-LG	HOUSING KEYING OPTION F	LIGHT GRAY	PA6 GF30
G-BLK	HOUSING KEYING OPTION G	BLACK	PA6 GF30
A-BLK-CLIP	HOUSING KEYING OPTION A WITH CLIPSLOT	BLACK	PA6 GF30
B-LG-CLIP	HOUSING KEYING OPTION B WITH CLIPSLOT	LIGHT GRAY	PA6 GF30
C-BLK-CLIP	HOUSING KEYING OPTION C WITH CLIPSLOT	BLACK	PA6 GF30
D-BLK-CLIP	HOUSING KEYING OPTION D WITH CLIPSLOT	BLACK	PA6 GF30
D-LG-CLIP	HOUSING KEYING OPTION D WITH CLIPSLOT	LIGHT GRAY	PA6 GF30
C-BLK-SV	HOUSING KEYING OPTION C - SEVERE VIBRATION	BLACK	PA6 GF30
D-BLK-SV	HOUSING KEYING OPTION D - SEVERE VIBRATION	BLACK	PA6 GF30
R3	RING SEAL TEMP. CLASS 3	MEDIUM BLUE	INHERENTLY LUBRICATED SILICONE
R4	RING SEAL TEMP. CLASS 4	GREEN	INHERENTLY LUBRICATED SILICONE
CPA	CPA	RED	PBT GF30
TPA	INSERT, TPA	NATURAL	PBT GF30

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT				ASSEMBLY OPERATING TEMPERATURE	RECOMMENDED MATING DEVICE			PRODUCTION TOOL STATUS	COMMENTS	
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.					1	2	3			
		HOUSING KEY/COLOR	TPA	CPA	RING SEAL							
KEY A, BLACK, W/O CPA	34062-0021	A-BLK	TPA		R3	-40°C TO 125°C	1			SALEABLE		
KEY B, LIGHT GRAY, W/O CPA	34062-0022	B-LG	TPA		R3	-40°C TO 125°C	1			SALEABLE	PREFERRED, FULLY SHROUDED	
KEY C, BLACK, W/O CPA	34062-0023	C-BLK	TPA		R3	-40°C TO 125°C	1		3	SALEABLE	PREFERRED, FULLY SHROUDED	
KEY D, BLACK, W/O CPA	34062-0024	D-BLK	TPA		R3	-40°C TO 125°C	1			SALEABLE		
KEY D, LIGHT GRAY, W/O CPA	34062-0029	D-LG	TPA		R3	-40°C TO 125°C	1			SALEABLE		
KEY A, BLACK, W/ CPA	34062-0025	A-BLK	TPA	CPA	R3	-40°C TO 125°C	1			SALEABLE		
KEY B, LIGHT GRAY, W/ CPA	34062-0026	B-LG	TPA	CPA	R3	-40°C TO 125°C	1		3	SALEABLE	PREFERRED, FULLY SHROUDED	
KEY C, BLACK, W/ CPA	34062-0027	C-BLK	TPA	CPA	R3	-40°C TO 125°C	1		3	SALEABLE	PREFERRED, FULLY SHROUDED	
KEY D, BLACK, W/ CPA	34062-0028	D-BLK	TPA	CPA	R3	-40°C TO 125°C	1			SALEABLE		
KEY D, LIGHT GRAY, W/ CPA	34062-0030	D-LG	TPA	CPA	R3	-40°C TO 125°C	1			SALEABLE		
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	34062-0031	A-BLK-CLIP	TPA		R3	-40°C TO 125°C	1			SALEABLE		
KEY B, LIGHT GRAY, WITH CLIPSLOT, W/O CPA	34062-0032	B-LG-CLIP	TPA		R3	-40°C TO 125°C	1		3	SALEABLE	PREFERRED, FULLY SHROUDED	
KEY C, BLACK, WITH CLIPSLOT, W/O CPA	34062-0033	C-BLK-CLIP	TPA		R3	-40°C TO 125°C	1		3	SALEABLE	PREFERRED, FULLY SHROUDED	
KEY D, BLACK, WITH CLIPSLOT, W/O CPA	34062-0034	D-BLK-CLIP	TPA		R3	-40°C TO 125°C	1			SALEABLE		
KEY D, LIGHT GRAY, WITH CLIPSLOT, W/O CPA	34062-0035	D-LG-CLIP	TPA		R3	-40°C TO 125°C	1			SALEABLE		
KEY A, BLACK, WITH CLIPSLOT, W/ CPA	34062-0036	A-BLK-CLIP	TPA	CPA	R3	-40°C TO 125°C	1			SALEABLE		
KEY B, LIGHT GRAY, WITH CLIPSLOT, W/ CPA	34062-0037	B-LG-CLIP	TPA	CPA	R3	-40°C TO 125°C	1		3	SALEABLE	PREFERRED, FULLY SHROUDED	
KEY C, BLACK, WITH CLIPSLOT, W/ CPA	34062-0038	C-BLK-CLIP	TPA	CPA	R3	-40°C TO 125°C	1		3	SALEABLE	PREFERRED, FULLY SHROUDED	
KEY D, BLACK, WITH CLIPSLOT, W/ CPA	34062-0039	D-BLK-CLIP	TPA	CPA	R3	-40°C TO 125°C	1			SALEABLE		
KEY D, LIGHT GRAY, WITH CLIPSLOT, W/ CPA	34062-0040	D-LG-CLIP	TPA	CPA	R3	-40°C TO 125°C	1			SALEABLE		
KEY C, BLACK, SEVERE VIBRATION, W/ CPA	34062-4008	C-BLK-SV	TPA	CPA	R4	-40°C TO 155°C	1			SALEABLE	PREFERRED, FULLY SHROUDED	
KEY D, BLACK, SEVERE VIBRATION, W/ CPA	34062-4009	D-BLK-SV	TPA	CPA	R4	-40°C TO 155°C	1			SALEABLE		
KEY E, BLACK, W/O CPA	34062-0041	E-BLK	TPA		R4	-40°C TO 155°C		2		SALEABLE	PREFERRED, FULLY SHROUDED	
KEY F, LIGHT GRAY, W/O CPA	34062-0042	F-LG	TPA		R4	-40°C TO 155°C		2		SALEABLE	PREFERRED, FULLY SHROUDED	
KEY G, BLACK, W/O CPA	34062-0043	G-BLK	TPA		R4	-40°C TO 155°C		2		SALEABLE	PREFERRED, FULLY SHROUDED	
KEY E, BLACK, W/ CPA	34062-0044	E-BLK	TPA	CPA	R4	-40°C TO 155°C		2		SALEABLE	PREFERRED, FULLY SHROUDED	
KEY F, LIGHT GRAY, W/ CPA	34062-0045	F-LG	TPA	CPA	R4	-40°C TO 155°C		2		SALEABLE	PREFERRED, FULLY SHROUDED	
KEY G, BLACK, W/ CPA	34062-0046	G-BLK	TPA	CPA	R4	-40°C TO 155°C		2		SALEABLE	PREFERRED, FULLY SHROUDED	
KEY A, BLACK, W/ CPA	34062-0047	A-BLK	TPA	CPA	R3	-40°C TO 125°C	1			SALEABLE		
KEY B, LIGHT GRAY, W/O CPA	34062-0048	B-LG	TPA		R4	-40°C TO 155°C	1		3	SALEABLE	PREFERRED, FULLY SHROUDED	
KEY C, BLACK, W/O CPA	34062-0049	C-BLK	TPA		R4	-40°C TO 155°C	1		3	SALEABLE	PREFERRED, FULLY SHROUDED	
KEY B, LIGHT GRAY, W/ CPA	34062-0050	B-LG	TPA	CPA	R4	-40°C TO 155°C	1		3	SALEABLE	PREFERRED, FULLY SHROUDED	
KEY C, BLACK, W/ CPA	34062-0051	C-BLK	TPA	CPA	R4	-40°C TO 155°C	1		3	SALEABLE	PREFERRED, FULLY SHROUDED	
KEY B, LIGHT GRAY, WITH CLIPSLOT, W/O CPA	34062-0052	B-LG-CLIP	TPA		R4	-40°C TO 155°C	1		3	SALEABLE	PREFERRED, FULLY SHROUDED	
KEY C, BLACK, WITH CLIPSLOT, W/O CPA	34062-0053	C-BLK-CLIP	TPA		R4	-40°C TO 155°C	1		3	SALEABLE	PREFERRED, FULLY SHROUDED</	