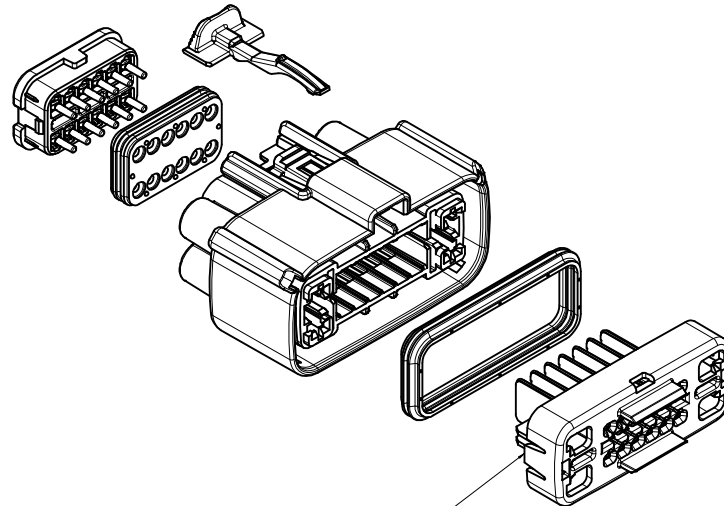
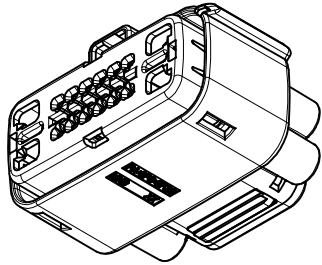


MX150 16 WAY HYBRID RECPT HRN CONN - STANDARD (STD)



PRIMARY LOCK REINFORCEMENT WITH SHORTING BAR LIFTER  
PLR W/ SHORTING BAR  
FOR OPTIONS SEE BOM

MX150 16 WAY HYBRID RECPT HRN CONN - SHORTING (SHRT) BAR  
UNLESS COMPONENT NOTED, SEE STANDARD ASSEMBLY

TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES
2	KEY CONFIGURATIONS
3	RECEPTACLE SEALED ASSEMBLY
4-7	BOM

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
  - a. APPLICATION SPECIFICATION SEE: AS-33472-100  
CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.  
-STANDARD (NON-SHRT) CONFIGURATIONS DESIGNED TO MATE WITH DEVICE CONNECTION AS SPECIFIED IN DRAWING EWCAP 999-S-016-2-202. AVAILABLE AT <http://ewcap.usmccrteam.org/>.  
-STANDARD (NON-SHRT) CONFIGURATIONS AND SHORTING BAR CONFIGURATIONS DESIGNED TO MATE WITH BLADE HOUSING ASSEMBLY SPECIFIED IN DRAWING SD-33486-161.  
-FOR 15mm RECEPTACLE TERMINALS TO BE USED WITH THIS ASSEMBLY. SEE MOLEX DRAWING SD-33012-002.  
-15mm TERMINALS TO BE USED WITH WIRE WITH DIAMETER RANGE OF 1.4mm TO 2.69mm.  
-FOR 2.8mm RECEPTACLE TERMINALS TO BE USED WITH THIS ASSEMBLY SEE TABLE.  
-2.8mm TERMINALS TO BE USED WITH WIRE WITH DIAMETER RANGE OF 1.50mm TO 3.30mm.  
-ASSEMBLY SHIPPED WITH PLR AND CPA IN PRE-LOCK POSITION (SEE SECTION 2-2 PRE-LOCK).  
IN THE EVENT THAT THE PLR IS FOUND IN THE SEATED (FINAL LOCK) POSITION, REFER TO MOLEX SPECIFICATION PS-34646-001. AVAILABLE AT www.molex.com <http://www.molex.com>.  
-ASSEMBLY CONFORMS TO SAE/USCAR-2 REV.4 WITH THE FOLLOWING EXCEPTIONS:  
ENGAGEMENT FORCE TO MOVE CPA FROM PRE-LOCK TO FINAL LOCK POSITION WHEN UNMATED: 40N MIN.  
DISENGAGEMENT FORCE TO MOVE CPA FROM FINAL LOCK TO PRE-LOCK POSITION: 3N MIN. 40N MAX.  
-TERMINAL INSERTION FORCE FOR WIRE DIAMETER ABOVE 2.5mm NOT EXCEEDING 2.69mm SHALL NOT EXCEED 40 NEWTONS.
  - b. PRODUCT SPECIFICATION SEE: PS-33476-000  
CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, RATINGS (CURRENT, TEMPERATURE, SEALING, AND FLAMMABILITY), AND PRODUCT VALIDATION.
  - c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-30907-895
  - d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS SPECIFICATION: ES-40000-5016
  - e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID:13259)
  - f. FOR INFORMATION ON 16 WAY HYBRID RECEPT HRN ASSY WITH CLIPSLOT SEE E-33476-181

2. DESIGN - MATERIALS:
  - a. SEE BOM TABLE
3. DESIGN - GEOMETRY:
  - a. 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.
  - b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994
  - c. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
  - d. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
  - e. 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.
  - f. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)
  - g. LASER MARKING: TBD

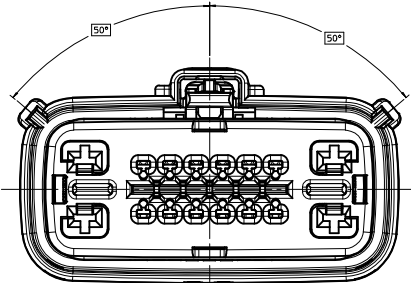
TYCO 2.8mm CABLE SEAL TERMINAL		
FORD P/N	FEMALE RECEPTACLE	GRIP SIZE
IFIT-14474-KA		12
IFIT-14474-JA		14
IFIT-14474-HA		16
IFIT-14474-GA		18
IFIT-14474-FA		20
IFIT-14474-EA		22

INSPECTION NUMBER LOG  
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ADDED:  
REMOVED:

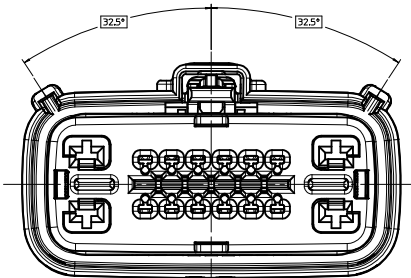
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BV10	ADD NEW P/N 33476-4042	
BV9	ADD NEW P/N 33476-4041	
BV8	ADD NEW P/N 33476-4037 33476-4038 33476-4039 33476-4040	
BV7	ADDED NEW P/N 33476-4023 33476-4024 33476-4025 33476-4026 33476-4027 33476-4028 33476-4029 33476-4030 33476-4031 33476-4032 33476-4033 33476-4034 33476-4035 33476-4036	
	BV6	ADD NEW P/N 33476-4022
	BV5	ADD NEW P/N 33476-4016 33476-4017 33476-4018 33476-4019 33476-4020 33476-4021
	BV4	ADD NEW P/N 33476-4014 33476-4015
	BV3	ADD NEW P/N 33476-4012 33476-4013
BV2	ADD NEW P/N 33476-4011	
BV1	CHANGE PART NUMBER STATUS ADD NEW P/N 33476-4009 33476-4010 ADD NEW P/N 33476-4006 33476-4007	
BV	33476-4008	
REV	DESCRIPTION	

ENTER DESCRIPTION EC NO: JAU2016-0550 DRAWING P/N: 2015/0174 APP: WISNIN 2015/0178	QUALITY SYMBOLS DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	SHEET NO. OF 8									
		<table border="1"> <thead> <tr> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES ± .01</td> <td>± .0005</td> </tr> <tr> <td>3 PLACES ± .02</td> <td>± .0008</td> </tr> <tr> <td>2 PLACES ± 0.1</td> <td>± .004</td> </tr> <tr> <td>1 PLACE ± 0.3</td> <td>± .012</td> </tr> <tr> <td>0 PLACE ± .</td> <td>± .</td> </tr> </tbody> </table>	mm	INCH	4 PLACES ± .01	± .0005		3 PLACES ± .02	± .0008	2 PLACES ± 0.1	± .004	1 PLACE ± 0.3	± .012	0 PLACE ± .	± .	MM ONLY
mm	INCH															
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1 PLACE ± 0.3	± .012															
0 PLACE ± .	± .															
BX	<table border="1"> <thead> <tr> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DRAWN BY</td> <td>2011/10/27</td> </tr> <tr> <td>CHECKED BY</td> <td></td> </tr> <tr> <td>APPROVED BY</td> <td></td> </tr> </tbody> </table>	DESCRIPTION	DATE	DRAWN BY	2011/10/27	CHECKED BY		APPROVED BY		TITLE	MX150 16 WAY HYBRID RECPT SEALED ASSEMBLY				SD-33476-161	
DESCRIPTION	DATE															
DRAWN BY	2011/10/27															
CHECKED BY																
APPROVED BY																
MATERIAL NO.		DOCUMENT NO.		SEE BOM		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX, INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										

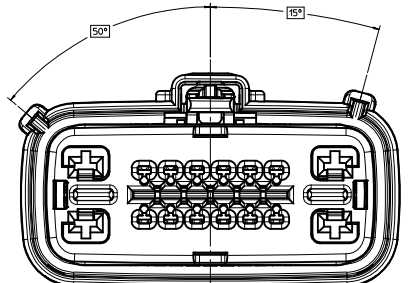
KEY CONFIGURATIONS



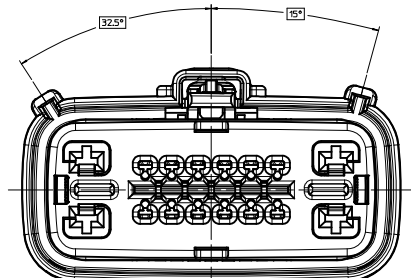
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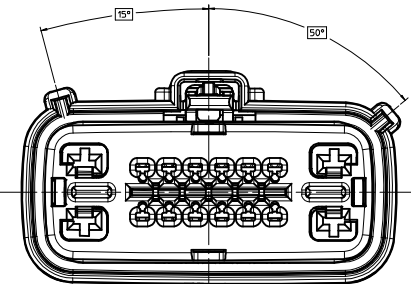
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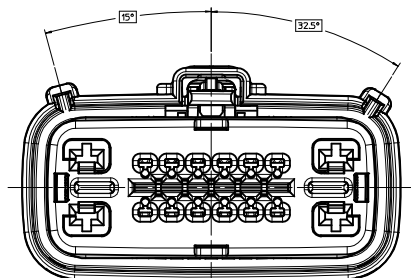
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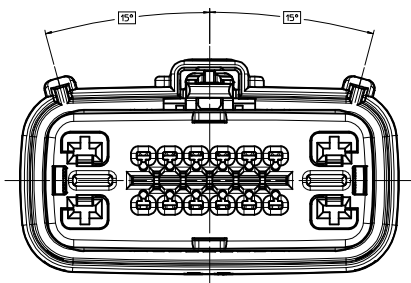
KEY F



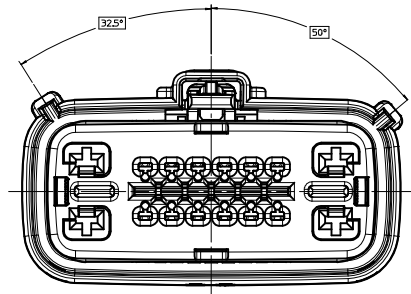
KEY C



KEY G



KEY D

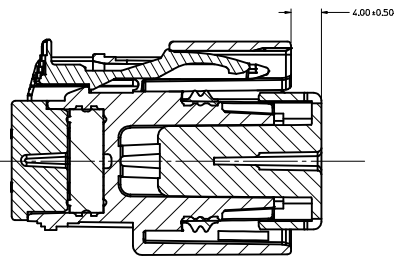
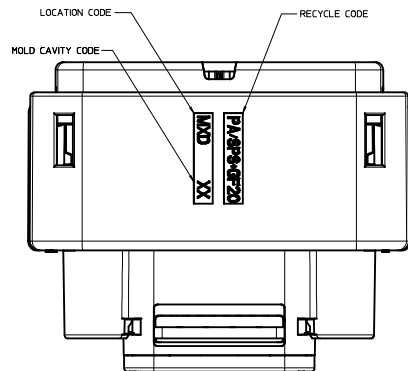
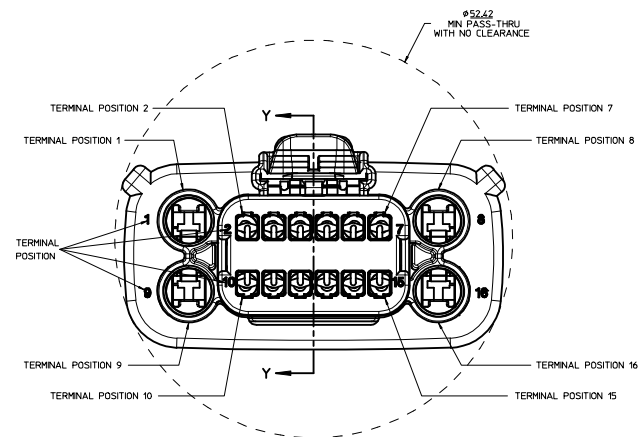
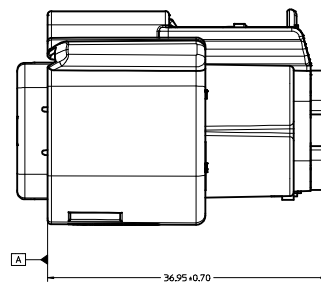
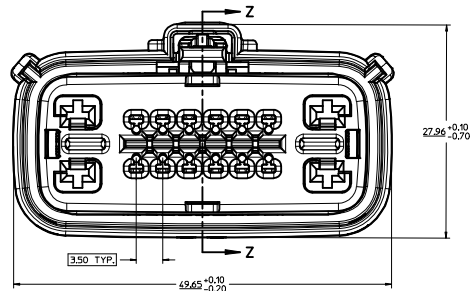
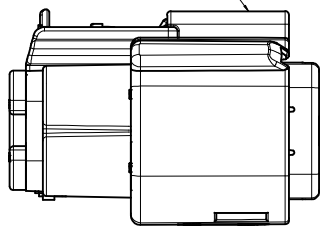


KEY H

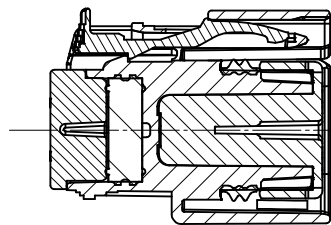
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		mm	INCH																				
	4 PLACES	± .005	± .0004																				
	3 PLACES	± .005	± .0004																				
2 PLACES	± .01	± .0004																					
1 PLACE	± .03	± .0015																					
0 PLACE	± .05	± .0020																					
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																							
<b>molex</b>																							
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																							

RCPT. HRN. CONN.

OPTIONAL LASER MARKING ON THIS SURFACE  
SEE NOTE 3g.



PRIMARY LOCK REINFORCEMENT (PLR) SHOWN  
IN PRE-STAGED POSITION  
SECTION Z-Z



PRIMARY LOCK REINFORCEMENT (PLR) SHOWN  
IN FINAL-LOCK POSITION  
SECTION Y-Y

<b>ENTER DESCRIPTION</b> EC. NO. 0A02016-0550 DRAWING TITLE 2015/10/27 0 PASSEGGI APPROVED BY 2015/10/27 APPROVED BY 2015/10/27 REV.	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES ±</td> <td>---</td> <td>---</td> </tr> <tr> <td>3 PLACES ±</td> <td>---</td> <td>---</td> </tr> <tr> <td>2 PLACES ±</td> <td>0.1</td> <td>---</td> </tr> <tr> <td>1 PLACE ±</td> <td>0.3</td> <td>---</td> </tr> <tr> <td>0 PLACE ±</td> <td>---</td> <td>---</td> </tr> </tbody> </table> ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		mm	INCH	4 PLACES ±	---	---	3 PLACES ±	---	---	2 PLACES ±	0.1	---	1 PLACE ±	0.3	---	0 PLACE ±	---	---	DIMENSION STYLE MM ONLY DRAWN BY DATE KCUNNINGHAM 2011/10/27 CHECKED BY DATE APPROVED BY DATE	SCALE 4:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE MX150 16 WAY HYBRID RCPT SEALED ASSEMBLY
		mm	INCH																				
	4 PLACES ±	---	---																				
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0 PLACE ±	---	---																					
MATERIAL NO. SEE BOM	DOCUMENT NO. SD-33476-161	SHEET NO. 3 OF 8																					
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																							
molex																							



Main BOM table with columns for description, part number, and assembly status. Includes items like KEY A, BLACK and KEY H W/ CPA & SHRT, BAR, YELLOW.

PLANNED OBSOLESCENCE  
SEE DRAWING SD-34985-8002  
FOR REPLACEMENT P/N/S  
34985-XXXX

Summary table with columns: ASSEMBLY DESCRIPTION, PART NUMBER, A, B, C, D, E, F, G, H, A, C, P, S, CPA, 2, 3, 4, 5, 6, 7, 10, 11, 12, 13, 14, 15, STATUS.

TABLE LEGEND table mapping abbreviations to components: A HOUSING KEY A, B HOUSING KEY B, etc.

Table with columns: DESCRIPTION, COLOR, MATERIAL. Lists components like GROMMET CAP, MAT SEAL, RING SEAL, CPA, etc.

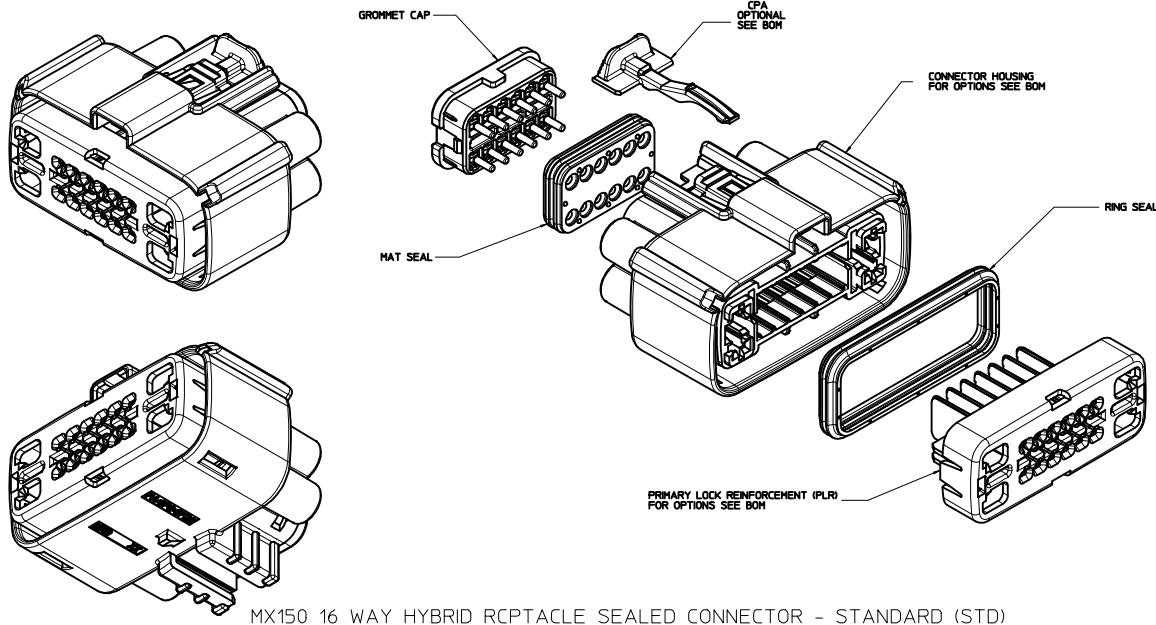
Technical specification block containing: ENTER DESCRIPTION, QUALITY SYMBOLS, GENERAL TOLERANCES (mm, INCH), DIMENSION STYLE (MM ONLY), SCALE, DESIGN UNITS (METRIC), THIRD ANGLE PROJECTION, DRAWN BY DATE, CHECKED BY DATE, APPROVED BY DATE, MATERIAL NO., DOCUMENT NO. (SD-33476-161), SHEET NO. (5 OF 8), and a Molex logo.



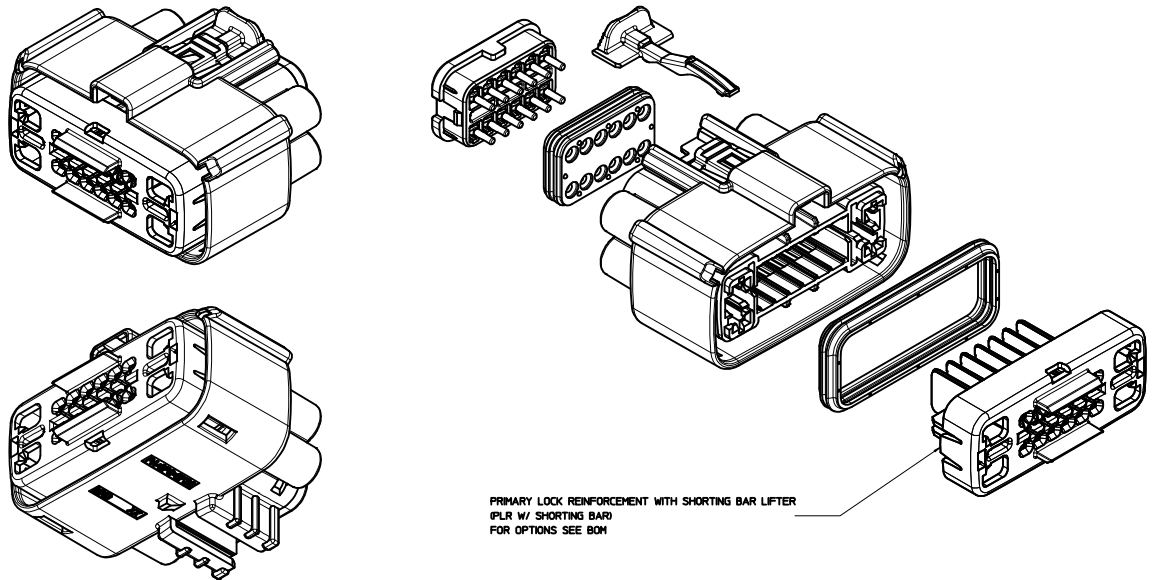








MX150 16 WAY HYBRID RCPTACLE SEALED CONNECTOR - STANDARD (STD)



MX150 16 WAY HYBRID RCPTACLE SEALED CONNECTOR - SHORTING (SHRT) BAR  
UNLESS COMPONENT NOTED, SEE STANDARD ASSEMBLY

TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES
2	KEY CONFIGURATIONS
3	RECEPTACLE SEALED ASSEMBLY
4-6	BOM

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

- a. APPLICATION SPECIFICATION SEE: AS-33472-100
  - CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.
  - STANDARD (NON-SHRT) CONFIGURATIONS DESIGNED TO MATE WITH DEVICE CONNECTION AS SPECIFIED IN DRAWING ENCAP 999-5-016-2-202. AVAILABLE AT <http://www.cpacar.com>
  - STANDARD (NON-SHRT) CONFIGURATIONS AND SHORTING BAR CONFIGURATIONS DESIGNED TO MATE WITH BLADE HOUSING ASSEMBLY SPECIFIED IN DRAWING SD-33486-161.
  - FOR 1.5mm RECEPTACLE TERMINALS TO BE USED WITH THIS ASSEMBLY. SEE MOLEX DRAWING SD-33092-002.
  - FOR 2.8mm RECEPTACLE TERMINALS TO BE USED WITH THIS ASSEMBLY SEE TABLE.
  - 2.8mm TERMINALS TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 150mm TO 3.30mm.
  - ASSEMBLY SHIPPED WITH PLR AND CPA IN PRE-LOCK POSITION (SEE SECTION Z-Z PRE-LOCK).
  - IN THE EVENT THAT THE PLR IS FOUND IN THE SEATED (FINAL LOCK) POSITION, REFER TO MOLEX SPECIFICATION PS-34666-001. AVAILABLE AT [www.molex.com](http://www.molex.com) -<http://www.molex.com>
  - ASSEMBLY CONFORMS TO SAE/USCAR-2 REV.4 WITH THE FOLLOWING EXCEPTIONS: ENGAGEMENT FORCE TO MOVE CPA FROM PRE-LOCK TO FINAL LOCK POSITION WHEN UNMATED: 40N MN.
  - DISENGAGEMENT FORCE TO MOVE CPA FROM FINAL LOCK TO PRE-LOCK POSITION: 3N MIN 40N MAX.
  - TERMINAL INSERTION FORCE FOR WIRE DIAMETER ABOVE 2.5mm NOT EXCEEDING 2.69mm SHALL NOT EXCEED 40 NEWTONS.

b. PRODUCT SPECIFICATION SEE: PS-33476-000

- CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, RATINGS (CURRENT, TEMPERATURE, SEALING, AND FLAMMABILITY), AND PRODUCT VALIDATION.

c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-30907-895

d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS SPECIFICATIONS ES-40000-5016

e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO MDS (COMPANY 0419295)

f. FOR INFORMATION ON 16 WAY HYBRID RECEPT HRN ASSY WITHOUT CLIPSLOT SEE E-33476-161

2. DESIGN - MATERIALS:

a. SEE BOM TABLE

3. DESIGN - GEOMETRY:

- a. 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.
- b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994
- c. EDGES AND UNDIMENSIONED DETAILS PER ISO1975
- d. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
- e. 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.
- f. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)
- g. LASER MARKING: TBD

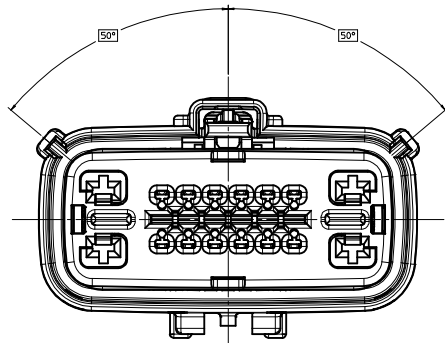
TYCO 2.8mm CABLE SEAL TERMINAL	
FORD P/N FEMALE RECEPTACLE	GRIP SIZE
IFIT-14474-KA	12
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IFIT-14474-HA	16
IFIT-14474-GA	18
IFIT-14474-FA	20
IFIT-14474-EA	22

INSPECTION NUMBER LOG  
LAST NUMBER USED:  
ADDED:  
REMOVED:

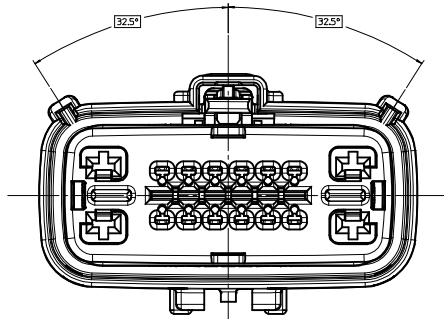
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BA10	ADD NEW P/N 33476-2343 THRU 33476-2344
BA9	ADD NEW P/N 33476-2338 THRU 33476-2342
BA8	CHANGE TO PK-30907-895
BA7	ADD NEW P/N 33476-2336 THRU 33476-2337
BA6	ADD NEW P/N 33476-2333 THRU 33476-2335
BA5	ADD NEW P/N 33476-2332
BA4	ADD NEW P/N 33476-2327 THRU 2331
BA3	ADD NEW P/N 33476-2314 THRU 2326
BA2	ADD NEW P/N 33476-2313
BA1	ADD NEW P/N 33476-2312
BA	ADD NEW P/N 33476-2310 33476-2311
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A29	ADD NEW P/N 33476-2305 33476-2306 33476-2307
A28	ADD NEW P/N 33476-2304
A27	ADD NEW P/N 33476-2303
A26	ADD NEW P/N 33476-2301 33476-2302
A25	ADD NEW P/N 33476-2295 33476-2300
A24	ADD NEW P/N 33476-2294
A23	ADD NEW P/N 33476-2292 33476-2293
A22	ADD NEW P/N 33476-2285 33476-2286 33476-2289 33476-2290 33476-2291
A21	ADD NEW P/N 33476-2283 33476-2284
A2	ADD NEW P/N 33476-2279 33476-2280
AY17	ADD NEW P/N 33476-2278
AY16	ADD NEW P/N 33476-2275 33476-2276 33476-2277
AY15	ADD NEW P/N 33476-2273 33476-2274
AY14	ADD NEW P/N 33476-2265 33476-2266 33476-2267 33476-2268 33476-2269 33476-2270 33476-2271 33476-2272
AY13	ADD NEW P/N 33476-2263 33476-2264
AY12	ADD NEW P/N 33476-2262
AY11	ADD NEW P/N 33476-2261
AY10	ADD NEW P/N 33476-2260
AY9	ADD NEW P/N 33476-2257 33476-2258 33476-2259
AY8	UPDATED 2.8MM WIRE SIZE
AY7	UPDATED WIRE SIZE
AY6	ADD NEW P/N 33476-2255 33476-2256
AY5	ADD NEW P/N 33476-2253
AY4	ADD NEW P/N 33476-2252

ENTER DESCRIPTION EC NO: JAU0206-0550 10/17/14 DRAWN BY: J. CUNNINGHAM 2015/10/21 CHECKED BY: J. CUNNINGHAM 2015/10/21 APPROVED BY: J. CUNNINGHAM 2015/10/29 REV:	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± .10 ± .004 3 PLACES ± .15 ± .005 2 PLACES ± 0.30 ± .012 1 PLACE ± 0.3 ± .012 0 PLACE ±	DIMENSION STYLE MM ONLY DRAWN BY DATE J. CUNNINGHAM 2011/10/26 CHECKED BY DATE APPROVED BY DATE	SCALE 3:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	SHEET NO. 7 OF 7
	MATERIAL NO. SEE BOM	DOCUMENT NO. SD-33476-181	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX, INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE E	MX150 16 WAY HYBRID RCPT SEALED ASSEMBLY CLIPSLOT		

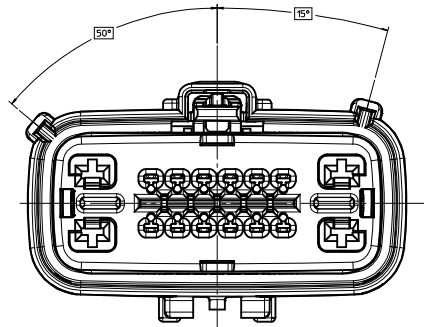
KEY CONFIGURATIONS



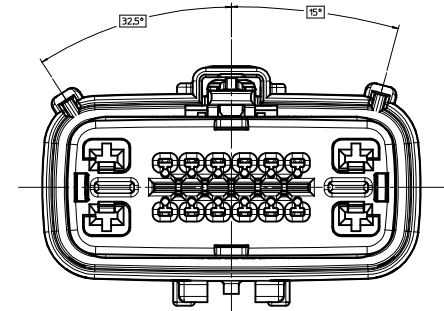
KEY A



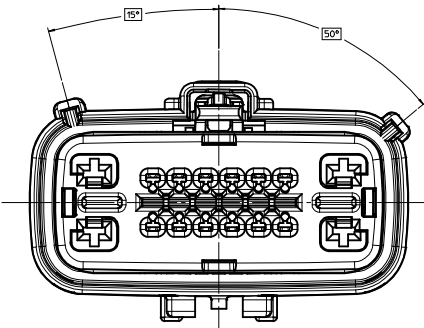
KEY E



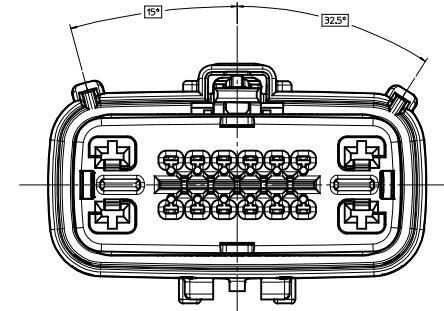
KEY B



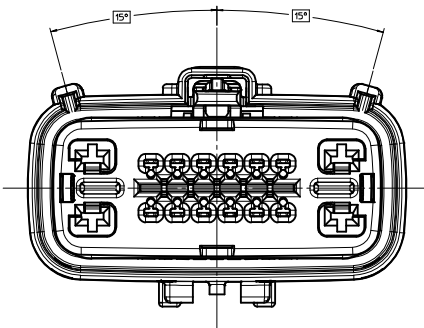
KEY F



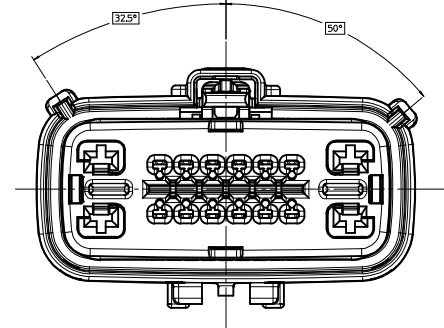
KEY C



KEY G



KEY D

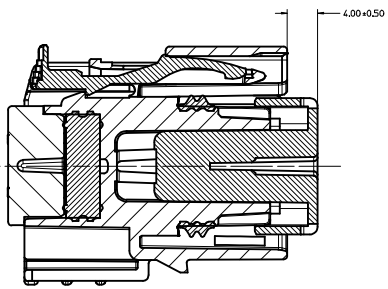
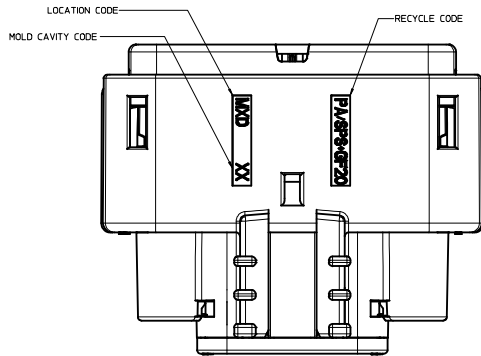
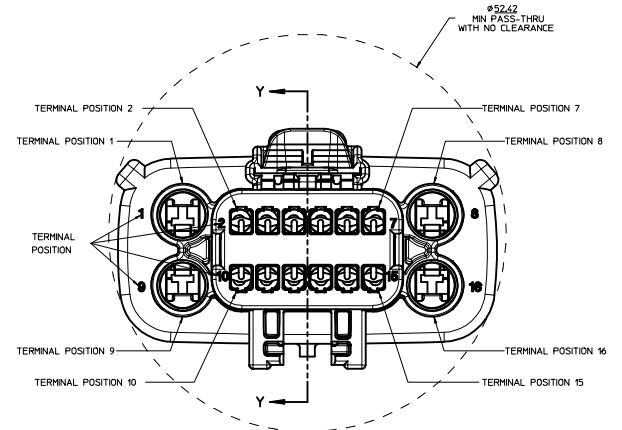
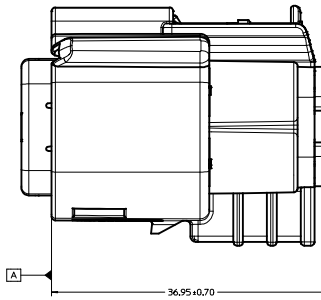
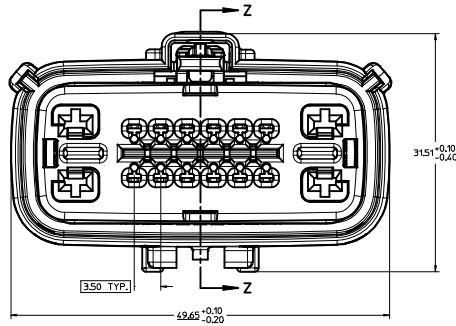
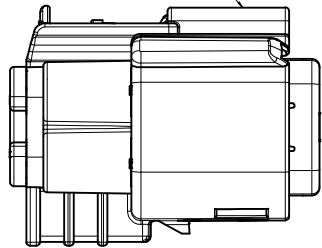


KEY H

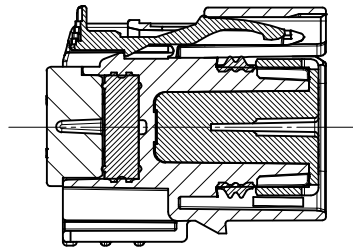
<b>ENTER DESCRIPTION</b> EC NO: 040206-0550 DRAWN BY: JACOB CHECKED BY: JACOB APPROVED BY: JACOB DATE: 2015/10/26	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± .15</td> <td>± .005</td> </tr> <tr> <td>3 PLACES</td> <td>± .20</td> <td>± .008</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.10</td> <td>± .004</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.3</td> <td>± .012</td> </tr> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± .15	± .005	3 PLACES	± .20	± .008	2 PLACES	± 0.10	± .004	1 PLACE	± 0.3	± .012	0 PLACE	±	±	DIMENSION STYLE <b>MM ONLY</b>	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH																					
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0 PLACE	±	±																						
DRAWN BY: JACOB DATE: 2011/10/26 CHECKED BY: JACOB DATE:	TITLE MX150 16 WAY HYBRID RECEPT SEALED ASSEMBLY CLIPSLOT	MATERIAL NO. SEE BOM	DOCUMENT NO. SD-33476-181	SHEET NO. 2 OF 7																				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																								
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																								

RECEPTACLE SEALED ASSEMBLY

OPTIONAL LASER MARKING ON THIS SURFACE  
SEE NOTE 3g.



PRIMARY LOCK REINFORCEMENT (PLR) SHOWN  
IN PRE-STAGED POSITION  
SECTION Z-Z



PRIMARY LOCK REINFORCEMENT (PLR) SHOWN  
IN FINAL-LOCK POSITION  
SECTION Y-Y

<b>ENTER DESCRIPTION</b> EC NO. UAU2016-0550 DRAWN BY: J. W. BETHUNE CHECKED BY: J. W. BETHUNE APPR. MOSES, 2015/10/28	QUALITY SYMBOLS ∇=0 ∇=1 ∇=2	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± 0.10</td> <td>± 0.004</td> </tr> <tr> <td>3 PLACES</td> <td>± 0.15</td> <td>± 0.006</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.20</td> <td>± 0.008</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.30</td> <td>± 0.012</td> </tr> <tr> <td>0 PLACE</td> <td>± 0.40</td> <td>± 0.016</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± 0.10	± 0.004	3 PLACES	± 0.15	± 0.006	2 PLACES	± 0.20	± 0.008	1 PLACE	± 0.30	± 0.012	0 PLACE	± 0.40	± 0.016	DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE BOM	DRAWN BY DATE KCUNNINGHAM 2011/10/26	CHECKED BY DATE	TITLE MX150 16 WAY HYBRID RECEPT SEALED ASSEMBLY CLIPSLOT	DOCUMENT NO. SD-33476-181	SHEET NO. 3 OF 7																		
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SEE BOM																								





Main assembly table with columns for P, PS, CPA, A, B, C, D, E, F, G, H and rows listing parts like KEY A, BLACK and KEY H W/ SHIRT, BAR AND CPA, YELLOW with their respective terminal configurations.

PLANNED OBSOLESCENCE
SEE DRAWING SD-34985-8002
FOR REPLACEMENT P/N/S
34985-XXXX

ASSEMBLY DESCRIPTION table with columns for P, PS, CPA, A, B, C, D, E, F, G, H and rows for GROMMET CAP, MAT SEAL, RING SEAL, CPA, PLR SHIRT, BAR LFFTFTR, PLR STANDARD, HOUSING KEYING OPTION A through H, HOUSING KEYING OPTION B, and DESCRIPTION.

LEGEND TABLE with columns ABREVIATION and COMPONENT, listing items like HOUSING KEY A, HOUSING KEY B, GROMMET CAP, MAT SEAL, PLR, STANDARD, PLR, SHIRT BAR LIFTER, RING SEAL, CPA.

Technical specification block containing DIMENSION STYLE (MM ONLY), SCALE (1:1), DESIGN UNITS (METRIC), THIRD ANGLE PROJECTION, and a table for GENERAL TOLERANCES with columns for PLACES and tolerances in mm and INCH.

ENTER DESCRIPTION: EC NO. JAU0206-0350, DRAWING DATE: 2015/07/17, APPROVED BY: [Signature]

SEE BOM

SD-33476-181

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS, THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

