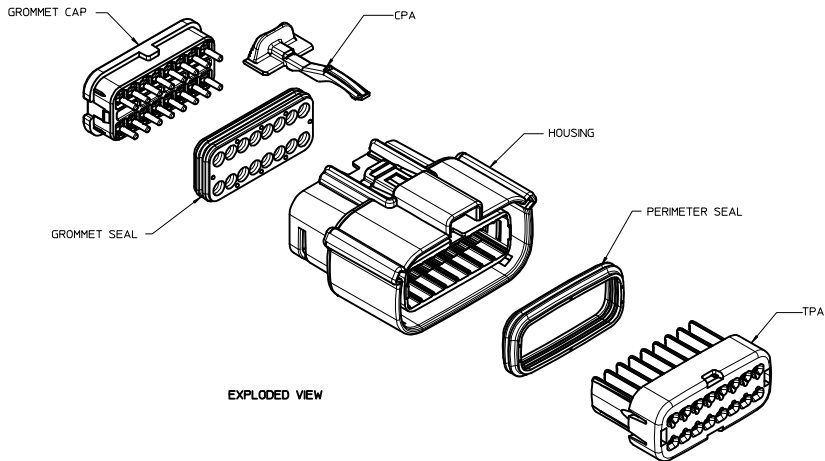


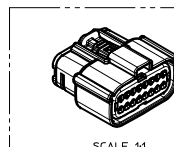
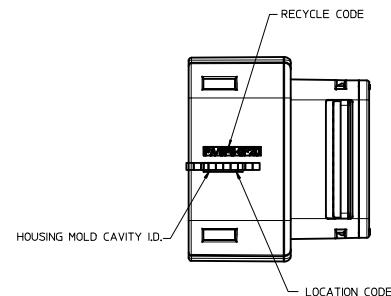
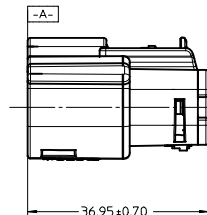
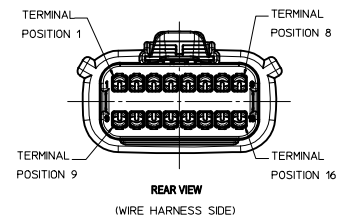
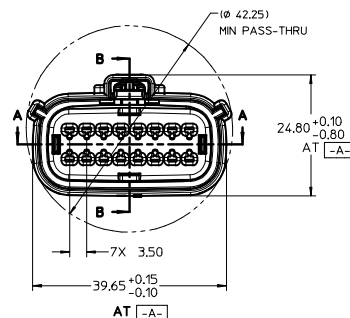
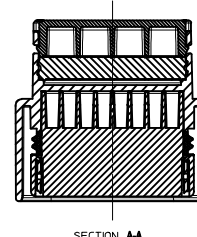
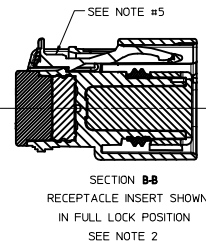
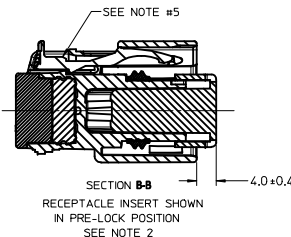
KEYING OPTION
SEE TABLE
SCALE 2:1



EXPLODED VIEW

NOTES: UNLESS OTHERWISE SPECIFIED

- DESIGNED TO MATE WITH THE BLADE HOUSING ASSEMBLY SPECIFIED IN MOLEX CHARTED DRAWING SD-33482-161, OR DEVICE CONNECTION AS SPECIFIED IN USCAR DRAWING 150-5-016-2-201.
- ASSEMBLY SHIPPED WITH RECEPTACLE INSERT IN PRE-LOCK POSITION (SEE SECTION B-B PRE-LOCK). UPON FULL TERMINAL ASSEMBLY, EACH RECEPTACLE INSERT MUST BE SNAPPED INTO ITS FINAL-LOCK POSITION.
- FOR RECEPTACLE TERMINALS TO BE USED WITH THIS ASSEMBLY, SEE DRAWING SD-33012-002.
- SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 15mm TO 2.5mm.
- OPTIONAL CPA SHOWN IN ALL VIEWS. SEE TABLE FOR SPECIFIC ASSEMBLY OPTION AND NUMBER. CPA MUST BE INSERTED TO THE PRE-LOCK POSITION, AS SHOWN IN SECTION B-B. WHEN SEATED CORRECTLY, CPA DOES NOT MOVE FREELY. 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.
- MATERIAL: SPS/NYLON BLEND, 20% GLASS FILLED.
- REFER TO SHEETS 2 AND 3 OF THIS DRAWING FOR ALL PART NUMBER CONFIGURATIONS.
- SHALL CONFORM TO PACKAGING SPECIFICATION PK-31300-903.
- SHALL CONFORM TO PRODUCT SPECIFICATION PS-33472-000.
- PACKAGING: IN THE EVENT THAT INSERT IS FOUND IN THE SEATED (FINAL LOCK) POSITION, REFER TO MOLEX SPECIFICATION PS-34646-001 (AVAILABLE AT WWW.MOLEX.COM)
- ASSEMBLY CONFORMS TO SAE/USCAR-2 REV 4 WITH THE FOLLOWING EXCEPTIONS:
TERMINAL INSERTION FORCE FOR WIRE SIZE ABOVE 2.5mm NOT EXCEEDING 2.69mm SHALL NOT EXCEED 40 NEWTONS.



SCALE 1:1

REFRAXN LEC NO: UAU2009-0814 DRAWN: THERLUTH 2009/02/20 CHKD: SMITH 2009/02/20 APPR: TANGELOTTI 2009/02/23 REV AK	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.3 ± --- ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY: DGRIF11THS CHECKED BY: DGRIF11THS APPROVED BY: DGRIF11THS DATE: 05-29-03 DATE: 05-29-03 DATE: 05-29-03	SCALE 2:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE MX150 STANDARD CONNECTOR RCPT 2 ROW HOUSING SEALED, 16 WAY	MOLEX INCORPORATED DOCUMENT NO. SD-33472-161	SHEET NO. 1 OF 3

ASSEMBLY PART NUMBER	CPA	COLOR	KEYING OPTION	DIMENSIONS (DEGREES)		CAVITY TYPE & STATUS (X = PLUGGED)															
				A	B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
33472-1601	-	BLACK	A	60	60																
33472-1602	-	LT. GRAY	B	60	25																
33472-1603	-	BROWN	C	25	60																
33472-1604	-	GREEN	D	25	25																
33472-1605	-	CUSTOM	TBD	TBD	TBD																
33472-1606	YES	BLACK	A	60	60																
33472-1607	YES	LT. GRAY	B	60	25																
33472-1608	YES	BROWN	C	25	60																
33472-1609	YES	GREEN	D	25	25																
33472-1610	YES	CUSTOM	TBD	TBD	TBD																
33472-1611	-	BLACK	A	60	60									X							
33472-1612	-	LT. GRAY	B	60	25									X							
33472-1613	-	BROWN	C	25	60									X							
33472-1614	-	GREEN	D	25	25									X							
33472-1615	-	CUSTOM	TBD	TBD	TBD									X							
33472-1616	YES	BLACK	A	60	60									X							
33472-1617	YES	LT. GRAY	B	60	25									X							
33472-1618	YES	BROWN	C	25	60									X							
33472-1619	YES	GREEN	D	25	25									X							
33472-1620	YES	CUSTOM	TBD	TBD	TBD									X							
33472-1621	-	BLACK	A	60	60	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
33472-1622	-	LT. GRAY	B	60	25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
33472-1623	-	BROWN	C	25	60	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
33472-1624	-	GREEN	D	25	25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
33472-1625	-	CUSTOM	TBD	TBD	TBD	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
33472-1626	YES	BLACK	A	60	60	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
33472-1627	YES	LT. GRAY	B	60	25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
33472-1628	YES	BROWN	C	25	60	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
33472-1629	YES	GREEN	D	25	25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
33472-1630	YES	CUSTOM	TBD	TBD	TBD	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
33472-1631	-	BLACK	A	60	60									X							
33472-1632	-	LT. GRAY	B	60	25									X	X						
33472-1633	-	BROWN	C	25	60									X	X						
33472-1634	-	GREEN	D	25	25									X	X						
33472-1635	-	CUSTOM	TBD	TBD	TBD									X	X						
33472-1636	YES	BLACK	A	60	60									X	X						
33472-1637	YES	LT. GRAY	B	60	25									X	X						
33472-1638	YES	BROWN	C	25	60									X	X						
33472-1639	YES	GREEN	D	25	25									X	X						
33472-1640	YES	CUSTOM	TBD	TBD	TBD									X	X						
33472-1641	-	BLACK	A	60	60	X								X	X						
33472-1642	-	LT. GRAY	B	60	25	X								X	X						
33472-1643	-	BROWN	C	25	60	X								X	X						
33472-1644	-	GREEN	D	25	25	X								X	X						
33472-1645	-	CUSTOM	TBD	TBD	TBD	X								X	X						
33472-1646	YES	BLACK	A	60	60	X								X	X						
33472-1647	YES	LT. GRAY	B	60	25	X								X	X						
33472-1648	YES	BROWN	C	25	60	X								X	X						
33472-1649	YES	GREEN	D	25	25	X								X	X						
33472-1650	YES	CUSTOM	TBD	TBD	TBD	X								X	X						
33472-1651	-	BLACK	A	60	60															X	
33472-1652	YES	BLACK	A	60	60															X	
33472-1653	-	BLACK	A	60	60	X								X	X						X
33472-1654	-	LT. GRAY	B	60	25	X								X	X						X
33472-1655	-	BROWN	C	25	60	X								X	X						X
33472-1656	-	GREEN	D	25	25	X								X	X						X
33472-1657	-	CUSTOM	TBD	TBD	TBD	X								X	X						X
33472-1658	YES	BLACK	A	60	60	X								X	X						X
33472-1659	YES	LT. GRAY	B	60	25	X								X	X						X
33472-1660	YES	BROWN	C	25	60	X								X	X						X
33472-1661	YES	GREEN	D	25	25	X								X	X						X
33472-1662	YES	CUSTOM	TBD	TBD	TBD	X								X	X						X
33472-1663	-	BLACK	A	60	60	X				X	X	X	X	X	X	X	X	X	X	X	X
33472-1664	-	BLACK	A	60	60					X	X	X	X	X	X	X	X	X	X	X	X
33472-1665	-	BLACK	A	60	60								X	X	X		X	X	X		
33472-1666	-	BLACK	A	60	60					X	X	X		X	X	X	X	X	X	X	X
33472-1667	-	BLACK	A	60	60					X	X	X		X	X	X	X	X	X	X	X
33472-1668	-	BLACK	A	60	60	X				X											
33472-1669	-	LT. GRAY	B	60	25									X				X	X	X	X
33472-1670	-	LT. GRAY	B	60	25									X				X	X	X	X
33472-1671	-	LT. GRAY	B	60	25										X	X					
33472-1672	-	LT. GRAY	B	60	25										X	X	X				
33472-1673	YES	BLACK	A	60	60										X	X		X	X	X	X
33472-1674	-	LT. GRAY	B	60	25											X					
33472-1675	YES	BLACK	A	60	60											X	X			X	X
33472-1676	YES	BLACK	A	60	60											X	X	X	X	X	X
33472-1677	-	LT. GRAY	B	60	25					X			X	X	X				X		
33472-1678	-	BLACK	A	60	60					X											
33472-1679	-	BLACK	A	60	60					X											X
33472-1680	YES	BLACK	A	60	60														X	X	
33472-1681	-	BLACK	A	60	60		X			X									X		
33472-1682	-	LT. GRAY	B	60	25				X												

REDRAWN
IEC NO: UAU2009-0814
DRAWN: THERIAUTH
2009/02/20
CHKD: SM TH
2009/02/20
APPR: TANGELL OITL
2009/02/23

REV
DESCRIPTION

QUALITY
SYMBOLS

▽=0
▽=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± 0.10 ± ---
1 PLACE ± 0.3 ± ---
ANGULAR ± 3 °

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY DATE
DGR1FF1 IHS 05-29-03
CHECKED BY DATE
DGR1FF1 IHS 05-29-03
APPROVED BY DATE
DGR1FF1 IHS 05-29-03

MATERIAL NO.
SEE TABLE

DOCUMENT NO.
SD-33472-161

SCALE
2:1

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

TITLE
MX150 STANDARD CONNECTOR
RCPT 2 ROW HOUSING
SEALED, 16 WAY

MOLEX INCORPORATED

SHEET NO.
2 OF 3

tp_frame_D_P_Alt_T
Rev. D 2004/06/28

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

ASSEMBLY PART NUMBER	CPA	COLOR	KEYING OPTION	DIMENSIONS (DEGREES)		CAVITY TYPE & STATUS (X = PLUGGED)															
				A	B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
33472-1683	-	BLACK	A	60	60																X
33472-1684	-	BLACK	A	60	60				X								X				
33472-1685	-	LT. GRAY	B	60	25																X
33472-1686	-	LT. GRAY	B	60	25				X								X		X		
33472-1687	-	LT. GRAY	B	60	25													X			
33472-1688	-	BLACK	A	60	60	X															
33472-1689	-	LT. GRAY	B	60	25	X		X									X		X		
33472-1690	-	LT. GRAY	B	60	25	X												X			
33472-1691	-	BLACK	A	60	60	X		X									X				
33472-1692	-	BLACK	A	60	60			X				X					X				
33472-1693	-	LT. GRAY	B	60	25			X			X						X		X		
33472-1694	-	LT. GRAY	B	60	25					X									X		
33472-1695	-	BLACK	A	60	60	X					X										
33472-1701	-	BLACK	A	60	60	X		X			X						X				
33472-1702	-	LT. GRAY	B	60	25	X		X			X						X		X		
33472-1703	-	LT. GRAY	B	60	25	X						X							X		
33472-1704	-	BLACK	A	60	60	X		X													
33472-1705	-	LT. GRAY	B	60	25	X		X											X		
33472-1706	-	BLACK	A	60	60	X				X				X				X	X		
33472-1707	-	BLACK	A	60	60	X				X				X	X			X	X	X	X
33472-1708	-	BLACK	A	60	60	X				X				X				X	X	X	X
33472-1709	-	BLACK	A	60	60			X				X									
33472-1710	-	BLACK	A	60	60	X				X						X					
33472-1711	-	BLACK	A	60	60	X				X											
33472-1712	YES	BLACK	A	60	60				X	X	X	X						X			
33472-1713	YES	BLACK	A	60	60				X	X	X	X					X	X	X	X	
33472-1714	YES	BLACK	A	60	60				X	X	X	X						X	X	X	
33472-1715	YES	LT. GRAY	B	60	25	X	X	X	X	X	X	X			X		X	X			
33472-1716	YES	LT. GRAY	B	60	25	X		X	X	X		X			X						
33472-1717	YES	LT. GRAY	B	60	25	X			X	X		X			X						
33472-1718	YES	BLACK	A	60	60				X	X	X	X			X		X				
33472-1719	YES	BLACK	A	60	60				X	X	X									X	X
33472-1720	YES	BLACK	A	60	60			X	X	X	X								X	X	
33472-1721	YES	BLACK	A	60	60							X						X	X	X	X
33472-1722	YES	BLACK	A	60	60	X	X	X	X	X	X						X	X	X	X	
33472-1723	YES	BLACK	A	60	60							X	X				X	X	X	X	
33472-1724	YES	BLACK	A	60	60							X	X				X	X	X		
33472-1725	YES	BLACK	A	60	60							X	X					X			
33472-1726	YES	BLACK	A	60	60							X	X				X		X		
33472-1727	YES	BLACK	A	60	60													X	X	X	X
33472-1728	YES	LT. GRAY	B	60	25				X	X		X					X				
33472-1729	YES	LT. GRAY	B	60	25	X	X		X	X	X		X		X		X	X			
33472-1730	YES	LT. GRAY	B	60	25		X		X	X	X		X		X	X	X	X			X
33472-1731	YES	LT. GRAY	B	60	25				X	X								X	X		
33472-1732	YES	LT. GRAY	B	60	25	X		X	X	X	X		X		X		X	X			
33472-1733	YES	LT. GRAY	B	60	25							X					X				
33472-1734	YES	LT. GRAY	B	60	25				X			X					X				
33472-1735	YES	LT. GRAY	B	60	25	X	X	X	X	X	X		X		X		X	X			
33472-1736	-	BLACK	A	60	60	X		X	X	X							X	X	X	X	
33472-1737	YES	LT. GRAY	B	60	25	X	X	X	X	X	X		X		X	X	X	X			X
33472-1738	YES	LT. GRAY	B	60	25												X				
33472-1739	YES	LT. GRAY	B	60	25			X	X								X	X			
33472-1740	YES	BLACK	A	60	60					X								X			
33472-1741	YES	BLACK	A	60	60							X	X			X	X	X	X	X	
33472-1742	YES	BLACK	A	60	60							X	X				X	X	X	X	
33472-1743	YES	BLACK	A	60	60							X	X					X	X	X	
33472-1744	YES	BLACK	A	60	60											X					

REDRAWN EC NO: UAU2009-0814 DRAWN: THERLURTH 2009/02/20 CHKD: SMITH 2009/02/20 APPR: TANGELLOTTI 2009/02/23 AK	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm INCH		DRAWN BY DATE DGR1FF1THS 05-29-03		TITLE MX150 STANDARD CONNECTOR RCPT 2 ROW HOUSING SEALED, 16 WAY		
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.3 ± ---		CHECKED BY DATE DGR1FF1THS 05-29-03		APPROVED BY DATE DGR1FF1THS 05-29-03		
		ANGULAR ± 3 °		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-33472-161		
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. 3 OF 3

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1