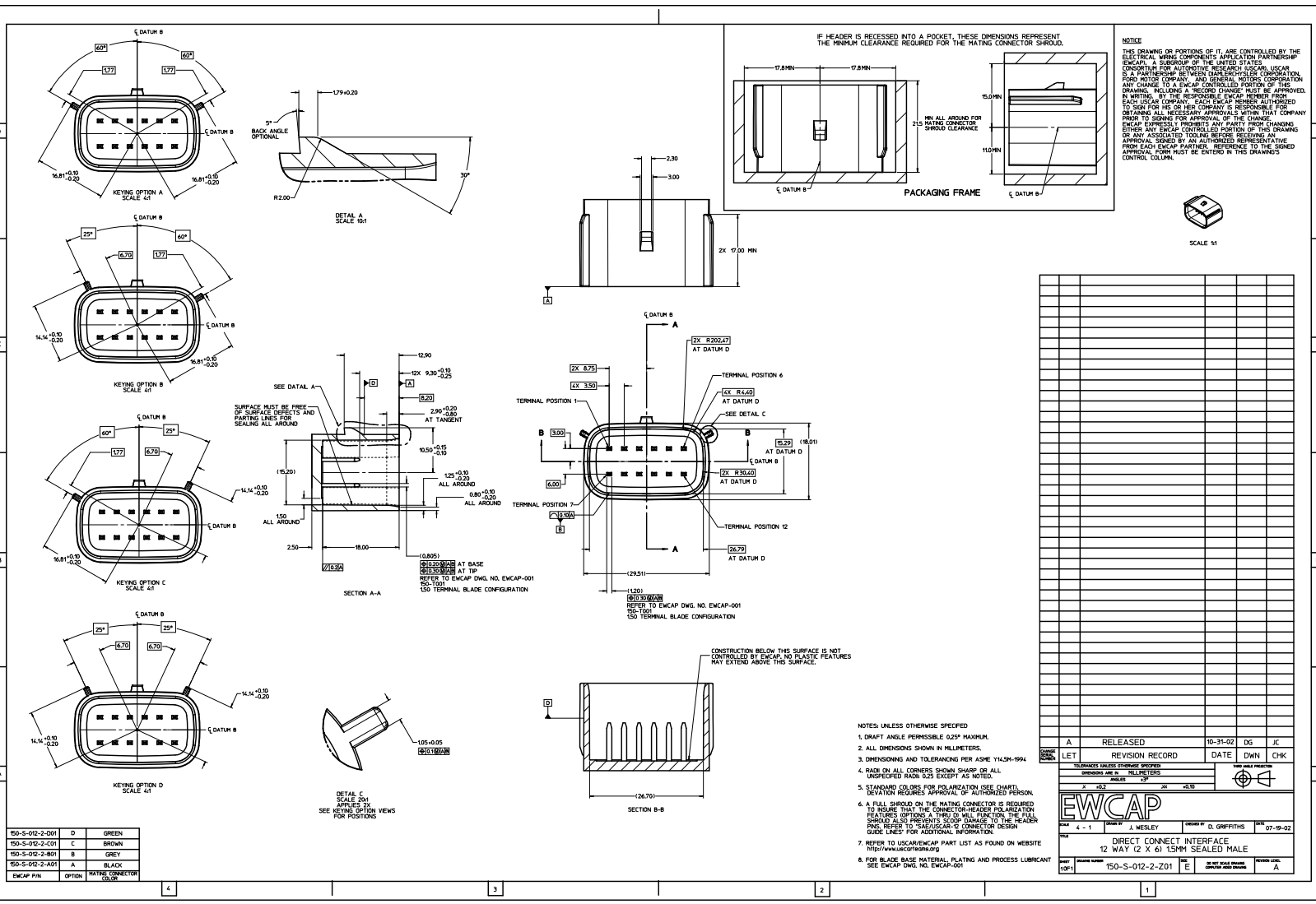

EWCAP P/N	OPTION	MATING CONNECTOR COLOR
150-S-012-2-D01	D	GREEN
150-S-012-2-C01	C	BROWN
150-S-012-2-B01	B	GREY
150-S-012-2-A01	A	BLACK

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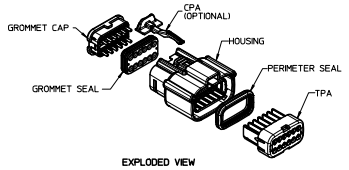
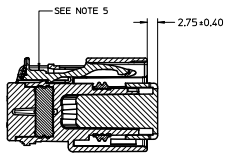
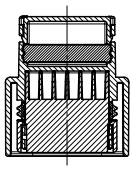


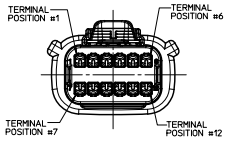
EXPLODED VIEW



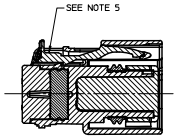
SECTION B-B
SCALE 2:1
(RECEPTACLE INSERT SHOWN
IN PRE-LOCK POSITION)
SEE NOTE 2



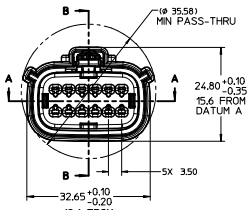
SECTION A-A

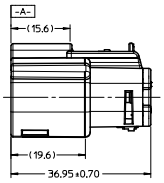


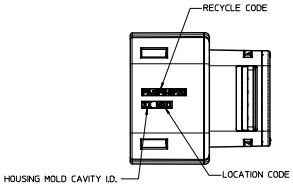
REAR VIEW
(WIRE HARNESS SIDE)



SECTION B-B
SCALE 2:1
(RECEPTACLE INSERT SHOWN
IN FULL-LOCK POSITION)
SEE NOTE 2

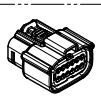






NOTES: UNLESS OTHERWISE SPECIFIED

1. DESIGNED TO MATE WITH THE BLADE HOUSING ASSEMBLY SPECIFIED IN MOLEX CHARTED DRAWING SD-33482-121 OR DEVICE CONNECTION AS SPECIFIED IN USCAR DRAWING 150-S-012-Z-Z01.
2. 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.
3. FOR RECEPTACLE TERMINALS TO BE USED WITH THIS ASSEMBLY, SEE DRAWING SD-33012-001.
4. SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.5mm TO 2.5mm.
5. 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.
6. MATERIAL: SPS/NYLON BLEND, 20% GLASS FILLED.
7. SHALL CONFORM TO PACKAGING SPECIFICATION PK-30907-895.
8. SHALL CONFORM TO PRODUCT SPECIFICATION PS-33472-000.
9. 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.
10. 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.
11. REFER TO SHEET #2 FOR ALL PART NUMBER OPTIONS.



SCALE 1:1

REV	DESCRIPTION	REDRAWN
		EC NO: UAU2011-0100 2010/07/28
		DRWN:AHU01 06-13-02
		CHKD:D.GRIFFITHS 2010/08/03
		APPR:WGSHY
		P2

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	SCALE	DESIGN UNITS
MM ONLY	2:1	METRIC

THIRD ANGLE PROJECTION

DRAWN BY	D.MARCOUX	DATE 06-13-02
CHECKED BY	D.GRIFFITHS	DATE 06-13-02
APPROVED BY	F.HOLUB	DATE 06-13-02
MATERIAL NO.	SEE TABLE	

TITLE: MX150 RECEPTACLE CONN ASSEMBLY 2 ROW SEALED 12 WAY

MOLEX INCORPORATED

DOCUMENT NO. SD-33472-121 SHEET NO. 1 OF 2

SIZE D

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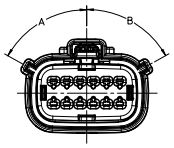
ASSEMBLY PART NUMBER	CPA	COLOR	KEYING OPTION	DIMENSIONS (DEGREES) A	DIMENSIONS (DEGREES) B	CAVITY TYPE & STATUS (X = PLUGGED) 1	2	3	4	5	6	7	8	9	10	11	12	STATUS
33472-1201	-	BLACK	A	60	60													SALEABLE
33472-1202	-	LT. GRAY	B	60	25													SALEABLE
33472-1203	-	BROWN	C	25	60													NOT RECOMMENDED--SEE 33472-1253
33472-1204	-	GREEN	D	25	25													NOT RECOMMENDED--SEE 33472-1254
~~33472-1205~~						VOIDED												
33472-1206	YES	BLACK	A	60	60													SALEABLE
33472-1207	YES	LT. GRAY	B	60	25													SALEABLE
33472-1208	YES	BROWN	C	25	60													NOT RECOMMENDED--SEE 33472-1259
33472-1209	YES	GREEN	D	25	25													NOT RECOMMENDED--SEE 33472-1260
~~33472-1210~~						VOIDED												
33472-1211	-	BLACK	A	60	60						X							SALEABLE
33472-1212	-	LT. GRAY	B	60	25						X							SALEABLE
33472-1213	-	BROWN	C	25	60						X							SALEABLE
33472-1214	-	GREEN	D	25	25						X							SALEABLE
~~33472-1215~~						VOIDED												
33472-1216	YES	BLACK	A	60	60						X							SALEABLE
33472-1217	YES	LT. GRAY	B	60	25						X							SALEABLE
33472-1218	YES	BROWN	C	25	60						X							SALEABLE
33472-1219	YES	GREEN	D	25	25						X							SALEABLE
~~33472-1220~~						VOIDED												
33472-1221	-	BLACK	A	60	60						X	X						SALEABLE
33472-1222	-	LT. GRAY	B	60	25						X	X						SALEABLE
33472-1223	-	BROWN	C	25	60						X	X						SALEABLE
33472-1224	-	GREEN	D	25	25						X	X						SALEABLE
~~33472-1225~~						VOIDED												
33472-1226	YES	BLACK	A	60	60						X	X						SALEABLE
33472-1227	YES	LT. GRAY	B	60	25						X	X						SALEABLE
33472-1228	YES	BROWN	C	25	60						X	X						SALEABLE
33472-1229	YES	GREEN	D	25	25						X	X						SALEABLE
~~33472-1230~~						VOIDED												
33472-1231	-	BLACK	A	60	60	X					X	X						SALEABLE
33472-1232	-	LT. GRAY	B	60	25	X					X	X						SALEABLE
33472-1233	-	BROWN	C	25	60	X					X	X						SALEABLE
33472-1234	-	GREEN	D	25	25	X					X	X						SALEABLE
~~33472-1235~~						VOIDED												
33472-1236	YES	BLACK	A	60	60	X					X	X						SALEABLE
33472-1237	YES	LT. GRAY	B	60	25	X					X	X						SALEABLE
33472-1238	YES	BROWN	C	25	60	X					X	X						SALEABLE
33472-1239	YES	GREEN	D	25	25	X					X	X						SALEABLE
~~33472-1240~~						VOIDED												
33472-1241	-	BLACK	A	60	60	X					X	X					X	SALEABLE
33472-1242	-	LT. GRAY	B	60	25	X					X	X					X	SALEABLE
33472-1243	-	BROWN	C	25	60	X					X	X					X	SALEABLE
33472-1244	-	GREEN	D	25	25	X					X	X					X	SALEABLE
~~33472-1245~~						VOIDED												
33472-1246	YES	BLACK	A	60	60	X					X	X					X	SALEABLE
33472-1247	YES	LT. GRAY	B	60	25	X					X	X					X	SALEABLE
33472-1248	YES	BROWN	C	25	60	X					X	X					X	SALEABLE
33472-1249	YES	GREEN	D	25	25	X					X	X					X	SALEABLE
~~33472-1250~~						VOIDED												
33472-1251	-	BLACK	A	60	60						X						X	SALEABLE
33472-1252	YES	BLACK	A	60	60									X	X			SALEABLE
33472-1253	-	DK. GRAY	C	25	60													TOOLED BUT NOT VALIDATED
33472-1254	-	ST. GRAY	D	25	25													TOOLED BUT NOT VALIDATED
33472-1255	YES	BLACK	A	60	60											X		SALEABLE
33472-1256	YES	BLACK	A	60	60									X	X	X	X	SALEABLE
33472-1257	-	BLACK	A	60	60								X		X		X	SALEABLE
33472-1258	-	BLACK	A	60	60	X	X	X	X	X	X	X	X	X	X	X	X	SALEABLE
33472-1259	YES	DK. GRAY	C	25	60													TOOLED BUT NOT VALIDATED
33472-1260	YES	ST. GRAY	D	25	25													TOOLED BUT NOT VALIDATED
33472-1261	-	BLACK	A	60	60									X	X		X	SALEABLE



KEYING OPTION
SEE TABLE
SCALE 2:1

REDRAWN
ECO NO: UAU2011-0100 2010/07/28
DRWN:AHU01 06-13-02
CHKD:D. GRIFFITHS 2010/08/03
APPR: MOSHY
DESCRIPTION
REV
P2

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
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: D.MARCOUX DATE: 06-13-02
CHECKED BY: D.GRIFFITHS DATE: 06-13-02
APPROVED BY: F.HOLUB DATE: 06-13-02

TITLE: MX150 RECEPTACLE CONN ASSEMBLY 2 ROW SEALED 12 WAY

molex MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-33472-121
SHEET NO.: 2 OF 2
SIZE: D

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Rev. E 2006/04/15

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