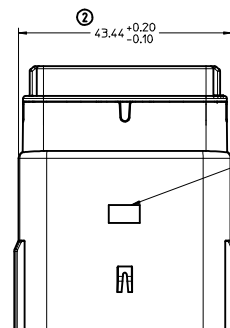
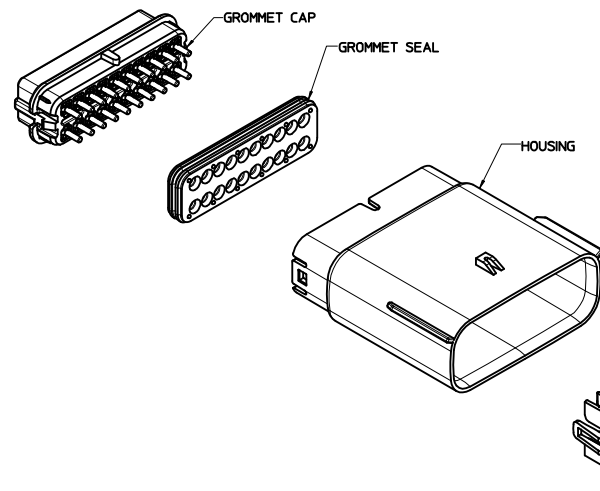
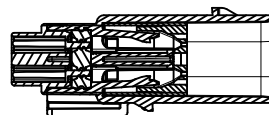


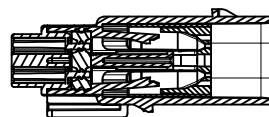
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



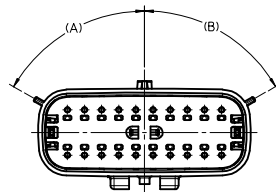
OPTIONAL TRACEABILITY
INFORMATION LOCATED IN
THIS AREA



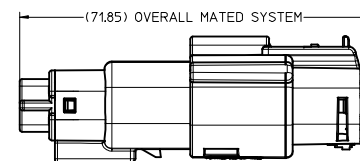
SECTION B-B
(BLADE INSERT SHOWN
IN FULL-LOCK POSITION)
SEE NOTE 2



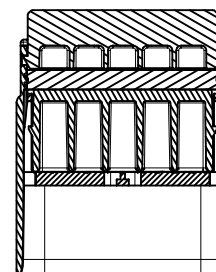
SECTION D-D
(BLADE INSERT SHOWN
IN PRE-LOCK POSITION)
SEE NOTE 2



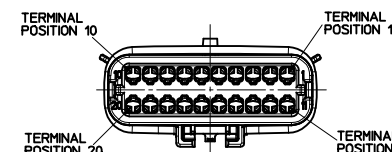
KEYING OPTION
SEE TABLE
SCALE 2:1



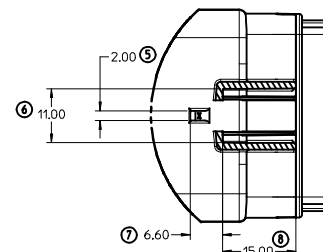
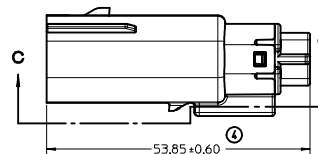
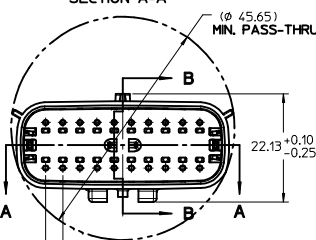
SCALE 1:1



SECTION A-A



REAR VIEW
(WIRE HARNESS SIDE)



SECTION C-C

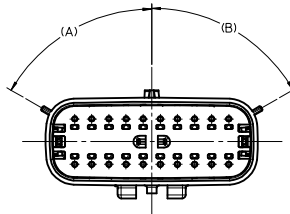
NOTES: UNLESS OTHERWISE STATED

1. DESIGNED TO MATE WITH RECEPTACLE HOUSING ASSEMBLY SPECIFIED IN MOLEX CHARTED DRAWING SD-33472-201.
2. ASSEMBLY SHIPPED WITH BLADE INSERT IN PRE-LOCKED POSITION (SEE SECTION D-D PRE-LOCK). UPON FULL TERMINAL ASSEMBLY EACH BLADE INSERT MUST BE SNAPPED INTO ITS FINAL-LOCK POSITION. FOR TO MOVE INSERT FROM FINAL TO PRE-LOCK POSITION: 75 N MAX
3. FOR BLADE TERMINALS TO BE USED WITH THIS ASSEMBLY. SEE DRAWING SD-33000-001.
4. SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.5mm TO 2.5mm.
5. MATERIAL: SPS/NYLON BLEND, 20% GLASS FILLED.
6. SHALL CONFORM TO PACKAGING SPECIFICATION PK-31300-635.
7. SHALL CONFORM TO PRODUCT SPECIFICATION PS-33472-000.
8. 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 45 NEWTONS.

REDAWN EC NO: UAU2009-0814 DRAWN: THERLUTH 2009/02/20 CHKD: SMITH 2009/02/20 APPR: TANGELLOTTI 2009/02/23 REV DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
	4 PLACES ± ---		mm		DATE		DRAWN BY DGRIF11THS		DATE 06-17-03		TITLE MX150 BLADE CONNECTOR ASSEMBLY 2 ROW SEALED, 20 WAY	
	3 PLACES ± ---		INCH		DATE		CHECKED BY DGRIF11THS		DATE 06-17-03		MOLEX INCORPORATED	
	2 PLACES ± 0.10		± ---		DATE		APPROVED BY DGRIF11THS		DATE 06-17-03		DOCUMENT NO. SD-33482-201	
	1 PLACE ± 0.3		± ---		ANGULAR ± 3 °		MATERIAL NO.		SHEET NO. 1 OF 2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

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

ASSEMBLY PART NUMBER	COLOR	KEYING OPTION	DIMENSIONS		CAVITY TYPE & STATUS (X = PLUGGED)																			
			A	B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
33482-2001	BLACK	A	60°	60°																				
33482-2002	LT.GRAY	B	25°	60°																				
33482-2003	BROWN	C	60°	25°																				
33482-2004	GREEN	D	25°	25°																				
33482-2005	CUSTOM	TBD																						
33482-2006	BLACK	A	60°	60°																				X
33482-2007	BLACK	A	60°	60°											X									
33482-2008	BLACK	A	60°	60°				X	X	X	X						X	X	X	X				
33482-2009	BLACK	A	60°	60°							X													
33482-2010	BLACK	A	60°	60°											X	X	X							X
33482-2011	BLACK	A	60°	60°			X	X																X
33482-2012	BLACK	A	60°	60°			X	X							X	X	X							X
33482-2013	BLACK	A	60°	60°			X	X							X	X	X	X	X					X
33482-2014	BLACK	A	60°	60°				X	X	X							X					X		X
33482-2015	BLACK	A	60°	60°				X	X	X										X				
33482-2016	BLACK	A	60°	60°				X														X	X	X
33482-2017	BLACK	A	60°	60°																		X	X	X
33482-2018	BLACK	A	60°	60°											X		X	X	X				X	
33482-2019	BLACK	A	60°	60°				X	X											X		X		
33482-2020	BLACK	A	60°	60°				X	X	X	X						X			X	X	X	X	X
33482-2021	BLACK	A	60°	60°			X	X	X	X	X						X			X	X	X	X	X
33482-2022	BLACK	A	60°	60°				X	X	X							X							X
33482-2023	BLACK	A	60°	60°											X	X	X							X
33482-2024	BLACK	A	60°	60°														X	X	X				X
33482-2025	BLACK	A	60°	60°											X			X		X		X		



KEYING OPTION
SEE TABLE
SCALE 2:1

ENTER DESCRIPTION IEC NO: UAU2009-0814 DRAWN: THERPETH 2009/02/20 CHKD: SM TH 2009/02/20 APPR: TANIELLOTTI 2009/02/23	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
REV 1	DESCRIPTION	4 PLACES ±		mm	INCH	DRAWN BY DGRIFFI THS	DATE 06-17-03	TITLE MX150 BLADE CONNECTOR ASSEMBLY 2 ROW SEALED, 20 WAY		
		3 PLACES ±		±	±	CHECKED BY	DATE			
		2 PLACES ±		± 0.10	±	DGRIFFI THS	06-17-03			
		1 PLACE ±		± 0.3	±	APPROVED BY	DATE			
		ANGULAR ±		3 °		DGRIFFI THS	06-17-03	MOLEX INCORPORATED		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO. 9999999999				
						DOCUMENT NO. SD-33482-201				
						SHEET NO. 2 OF 2				

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