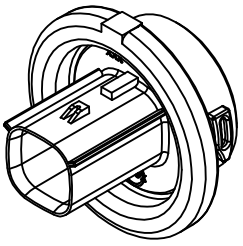
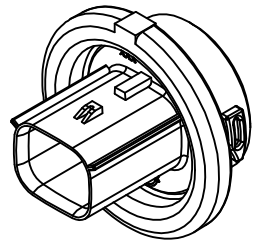


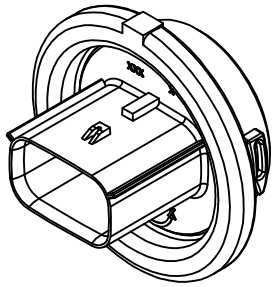
TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES
2	BOM SHEET 1
3	BOM SHEET 2
4	6/8 CKT KEY OPTION CONFIGURATIONS
5	12/16 CKT KEY OPTION CONFIGURATIONS
6	BULKHEAD CONNECTOR
7	6/8 CKT BULKHEAD CONNECTOR INTERFACE
8	6/8 CKT BULKHEAD CONNECTOR INTERFACE
9	12/16 CKT BULKHEAD CONNECTOR INTERFACE
10	12/16 CKT BULKHEAD CONNECTOR INTERFACE



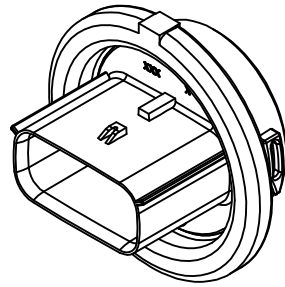
6 CIRCUIT



8 CIRCUIT



12 CIRCUIT



16 CIRCUIT

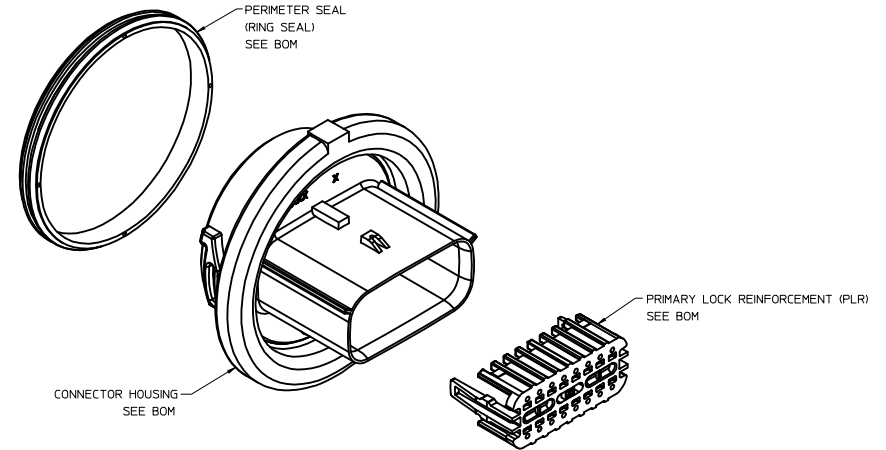
NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
 - a. APPLICATION SPECIFICATION SEE: AS-34840-001
 - CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.
 - DESIGNED TO MATE WITH RECEPTACLE HOUSING ASSEMBLY AS SPECIFIED IN DRAWING XXXX
 - FOR 1.5mm BLADE TERMINALS TO BE USED WITH THIS ASSEMBLY. SEE MOLEX DRAWING SD-33000-001.
 - SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF TBD TO TBD.
 - ASSEMBLY SHIPPED WITH PLR IN PRE-LOCK POSITION (SEE SECTION A-A 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>>.
 - b. PRODUCT SPECIFICATION SEE: PS-34840-001
 - CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, RATINGS (CURRENT, TEMPERATURE, SEALING, AND FLAMMABILITY), AND PRODUCT VALIDATION.
 - c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31301-615
 - d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: ES-40000-5016
 - e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)
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 - 2009
 - 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) CAD MODEL.
 - g. LASER MARKING: TBD

B4	ADDED PART NUMBER OF UPDATED PLR
B3	UPDATED PART STATUS
B2	ADDED BASIC DIMENSION ON 6/8 CKT ICD
B1	UPDATED 12/16 CKT PART STATUS
B	ADDED NOTE 4
A	OK TO TOOL 6 & 8 CKT
4	ADDED 6/8 CKT PER CP1E UPDATES
3	UPDATED FORMAT
2	DESIGN RELEASE
1	QUOTE ONLY
REV	DESCRIPTION

INSPECTION BALLOON NUMBER LOG			
PER DRAWING REVISION: B3			
LAST BALLOON NUMBER USED: 30			
ADDED BALLOON NUMBERS:			
REMOVED BALLOON NUMBERS: NONE			
REV	DESCRIPTION	DATE	BY
B4	ADDED PART NUMBER OF UPDATED PLR	2017/03/14	KOEGSKL
B3	UPDATED PART STATUS	2017/03/14	KOEGSKL
B2	ADDED BASIC DIMENSION ON 6/8 CKT ICD	2017/03/14	KOEGSKL
B1	UPDATED 12/16 CKT PART STATUS	2017/03/14	KOEGSKL
B	ADDED NOTE 4	2017/03/14	KOEGSKL
A	OK TO TOOL 6 & 8 CKT	2017/03/14	KOEGSKL
4	ADDED 6/8 CKT PER CP1E UPDATES	2017/03/14	KOEGSKL
3	UPDATED FORMAT	2017/03/14	KOEGSKL
2	DESIGN RELEASE	2017/03/14	KOEGSKL
1	QUOTE ONLY	2017/03/14	KOEGSKL

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
▽=0	4 PLACES ± mm ± INCH	MM ONLY	2:1	METRIC	☉ □
▽=0	3 PLACES ± --- ± ---				
▽=0	2 PLACES ± 0.10 ± ---				
▽=0	1 PLACE ± 0.20 ± ---				
	ANGULAR ± 3 °				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
SEE REV. COLUMN		DRAWN BY	DATE	TITLE	
LEC NO: UAU2017-0788		MDICK	2011/11/22	MX150 DUAL ROW BULKHEAD TWIST-LOCK CONNECTOR ASSEMBLY	
DRAWN: WA		CHECKED BY	DATE		
CHKD:		MYANSLAMBROU	2011/11/22		
APPR: KOEGSKL		APPROVED BY	DATE		
DESCRIPTION					
		MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
		SEE TABLE	SD-34840-001	1 OF 10	
		SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



8	CKT KEY D, STONE GRAY	34840-4440																	D	P	R	SALEABLE		
8	CKT KEY C, DARK GRAY	34840-4430																	C	P	R	SALEABLE		
8	CKT KEY B, LIGHT GRAY	34840-4420																	B	P	R	SALEABLE		
8	CKT KEY A, BLACK	34840-4410																	A	P	R	SALEABLE		
8	CKT KEY D, STONE GRAY	34840-4040																		D	P	R	SALEABLE	
8	CKT KEY C, DARK GRAY	34840-4030																		C	P	R	SALEABLE	
8	CKT KEY B, LIGHT GRAY	34840-4020																		B	P	R	SALEABLE	
8	CKT KEY A, BLACK	34840-4010																		A	P	R	SALEABLE	
6	CKT KEY D, STONE GRAY	34840-3440																		D	P	R	OK TO TOOL	
6	CKT KEY C, DARK GRAY	34840-3430																		C	P	R	OK TO TOOL	
6	CKT KEY B, LIGHT GRAY	34840-3420																		B	P	R	OK TO TOOL	
6	CKT KEY A, BLACK	34840-3410																		A	P	R	OK TO TOOL	
6	CKT KEY D, STONE GRAY	34840-3040																			D	P	R	SALEABLE
6	CKT KEY C, DARK GRAY	34840-3030																		C	P	R	SALEABLE	
6	CKT KEY B, LIGHT GRAY	34840-3020																		B	P	R	SALEABLE	
6	CKT KEY A, BLACK	34840-3010																		A	P	R	SALEABLE	
ASSEMBLY DESCRIPTION		ASSEMBLY PART NUMBER	PRODUCTION TOOL STATUS																					

6/8	CKT RING SEAL	LIGHT BLUE	INHERENTLY LUBRICATED SILICONE
UPDATED 8	CKT PLR	NATURAL	SPS/NYLON GF20
8	CKT PLR	NATURAL	SPS/NYLON GF20
8	CKT HOUSING KEYING OPTION D	STONE GRAY	SPS/NYLON GF20
8	CKT HOUSING KEYING OPTION C	DARK GRAY	SPS/NYLON GF20
8	CKT HOUSING KEYING OPTION B	LIGHT GRAY	SPS/NYLON GF20
8	CKT HOUSING KEYING OPTION A	BLACK	SPS/NYLON GF20
UPDATED 6	CKT PLR	NATURAL	SPS/NYLON GF20
6	CKT PLR	NATURAL	SPS/NYLON GF20
6	CKT HOUSING KEYING OPTION D	STONE GRAY	SPS/NYLON GF20
6	CKT HOUSING KEYING OPTION C	DARK GRAY	SPS/NYLON GF20
6	CKT HOUSING KEYING OPTION B	LIGHT GRAY	SPS/NYLON GF20
6	CKT HOUSING KEYING OPTION A	BLACK	SPS/NYLON GF20
DESCRIPTION		COLOR	MATERIAL
BOM/APPLICABLE COMPONENTS TABLE			

ABBREVIATION	COMPONENT
A	HOUSING KEY A
B	HOUSING KEY B
C	HOUSING KEY C
D	HOUSING KEY D
P	PLR (STANDARD)/UPDATED PLR
R	RING SEAL

SEE REV. COLUMN ECC NO. UAU2017-0788 DRAWN BY B4 CHKD: APPR:K0EKSGL	2017/03/07 2017/03/14 DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			4 PLACES	mm	INCH	DATE 2011/11/22		MOLEX INCORPORATED	
			3 PLACES	±---	±---	DATE			
			2 PLACES	±0.10	±---	DATE			
1 PLACE	±0.20	±---	DATE						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-34840-001		SHEET NO. 2 OF 10		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

16 CKT KEY D, STONE GRAY	34840-8440									D	P	R	OK TO TOOL		
16 CKT KEY C, DARK GRAY	34840-8430									C		P	R	OK TO TOOL	
16 CKT KEY B, LIGHT GRAY	34840-8420									B		P	R	OK TO TOOL	
16 CKT KEY A, BLACK	34840-8410									A		P	R	OK TO TOOL	
16 CKT KEY D, STONE GRAY	34840-8040										D	P	R	SALEABLE	
16 CKT KEY C, DARK GRAY	34840-8030										C	P	R	SALEABLE	
16 CKT KEY B, LIGHT GRAY	34840-8020										B	P	R	SALEABLE	
16 CKT KEY A, BLACK	34840-8010										A	P	R	SALEABLE	
12 CKT KEY D, STONE GRAY	34840-6440										D	P	R	OK TO TOOL	
12 CKT KEY C, DARK GRAY	34840-6430										C		P	R	OK TO TOOL
12 CKT KEY B, LIGHT GRAY	34840-6420										B		P	R	OK TO TOOL
12 CKT KEY A, BLACK	34840-6410	A										P	R	OK TO TOOL	
12 CKT KEY D, STONE GRAY	34840-6040										D	P	R	SALEABLE	
12 CKT KEY C, DARK GRAY	34840-6030										C		P	R	SALEABLE
12 CKT KEY B, LIGHT GRAY	34840-6020										B		P	R	SALEABLE
12 CKT KEY A, BLACK	34840-6010	A										P	R	SALEABLE	
ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	PRODUCTION TOOL STATUS													

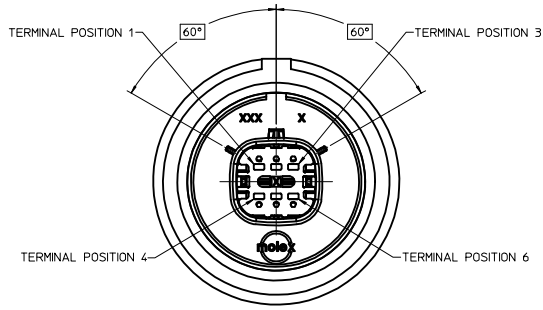
DESCRIPTION	COLOR	MATERIAL
12/16 CKT RING SEAL	RUST RED	INHERENTLY LUBRICATED SILICONE
UPDATED 16 CKT PLR	NATURAL	SPS/NYLON GF20
16 CKT PLR	NATURAL	SPS/NYLON GF20
16 CKT HOUSING KEYING OPTION D	STONE GRAY	SPS/NYLON GF20
16 CKT HOUSING KEYING OPTION C	DARK GRAY	SPS/NYLON GF20
16 CKT HOUSING KEYING OPTION B	LIGHT GRAY	SPS/NYLON GF20
16 CKT HOUSING KEYING OPTION A	BLACK	SPS/NYLON GF20
UPDATED 12 CKT PLR	NATURAL	SPS/NYLON GF20
12 CKT PLR	NATURAL	SPS/NYLON GF20
12 CKT HOUSING KEYING OPTION D	STONE GRAY	SPS/NYLON GF20
12 CKT HOUSING KEYING OPTION C	DARK GRAY	SPS/NYLON GF20
12 CKT HOUSING KEYING OPTION B	LIGHT GRAY	SPS/NYLON GF20
12 CKT HOUSING KEYING OPTION A	BLACK	SPS/NYLON GF20

ABREVIATION	COMPONENT
A	HOUSING KEY A
B	HOUSING KEY B
C	HOUSING KEY C
D	HOUSING KEY D
P	PLR (STANDARD)/UPDATED PLR
R	RING SEAL

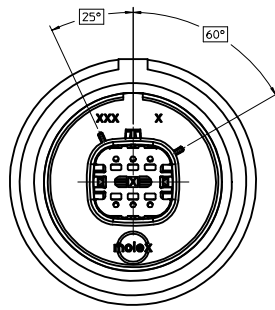
ENTER DESCRIPTION ELEC NO. UAU2017-0788 DRAWN/CWA CHYD: APPR:KOEKSKI 2017/03/14 2017/03/14 B4 REVISION DESCRIPTION	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.20 ± --- 0 PLACE ± ±	DIMENSION STYLE MM ONLY SCALE 2:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	DRAWN BY DATE MDICK 2011/11/22 CHECKED BY DATE MVANSLAMBROU 2011/11/22 APPROVED BY DATE	TITLE MX150 DUAL ROW BULKHEAD TWIST-LOCK CONNECTOR ASSEMBLY molex	MATERIAL NO. 999999999 DOCUMENT NO. SD-34840-001	SHEET NO. 3 OF 10
	ANGULAR ± 3 ° 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				

6 CIRCUIT CONFIGURATIONS

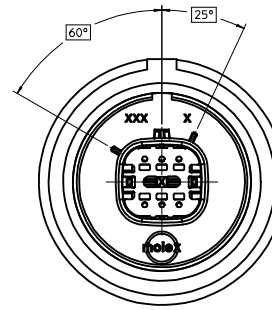
6/8 CKT KEY OPTION CONFIGURATIONS



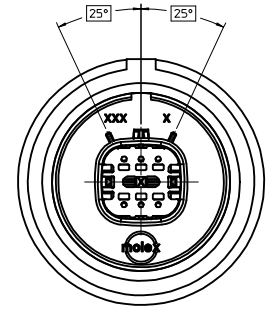
KEY OPTION A



KEY OPTION B

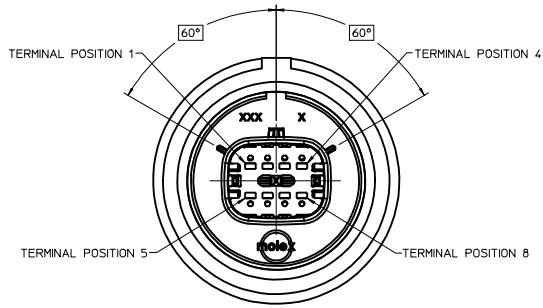


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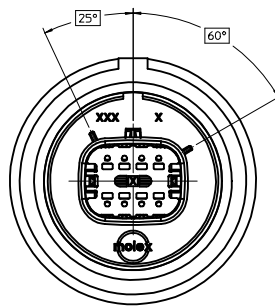


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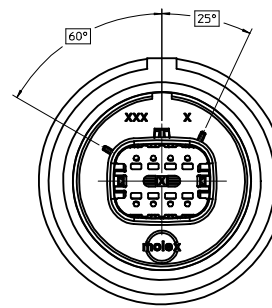
8 CIRCUIT CONFIGURATIONS



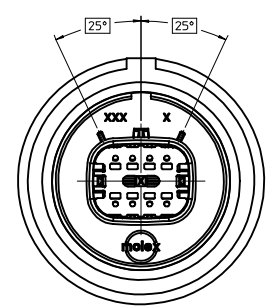
KEY OPTION A



KEY OPTION B



KEY OPTION C

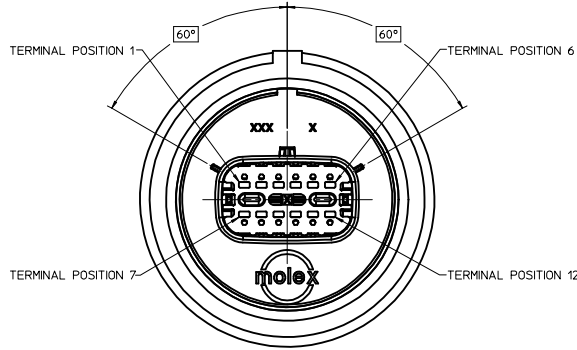


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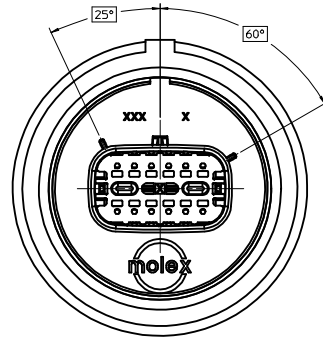
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		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.20 ± ---	mm INCH	DRAWN BY MDICK	DATE 2011/11/22	TITLE MX150 DUAL ROW BULKHEAD TWIST-LOCK CONNECTOR ASSEMBLY			
		ANGULAR ± 3°		CHECKED BY MYANSLAMBROU	DATE 2011/11/22	MOLEX INCORPORATED			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE	DATE	DOCUMENT NO. SD-34840-001	SHEET NO. 4 OF 10		

12 CIRCUIT CONFIGURATIONS

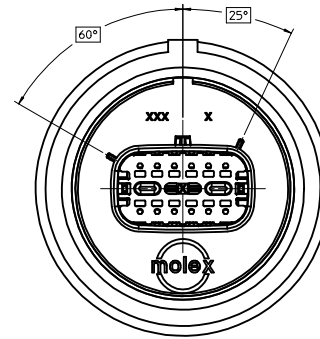
12/16 CKT KEY OPTION CONFIGURATIONS



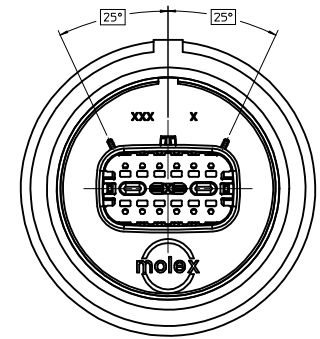
KEY OPTION A



KEY OPTION B

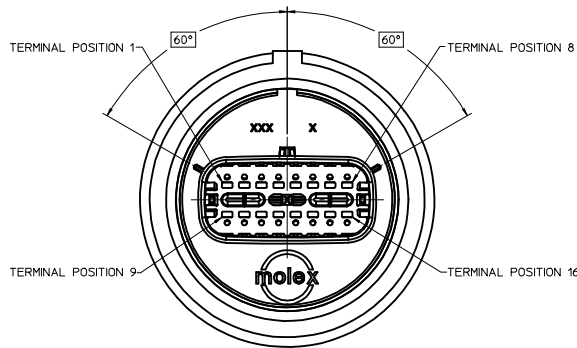


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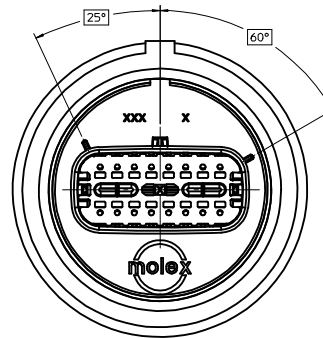


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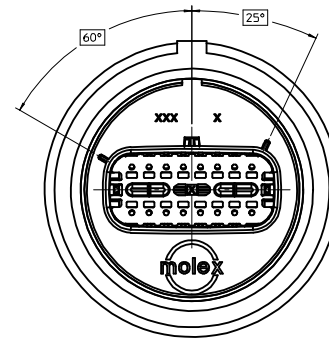
16 CIRCUIT CONFIGURATIONS



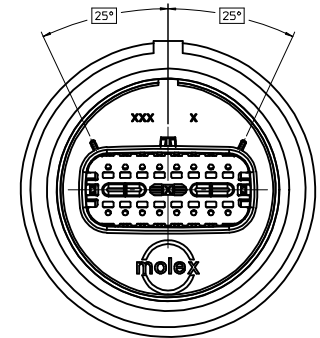
KEY OPTION A



KEY OPTION B



KEY OPTION C

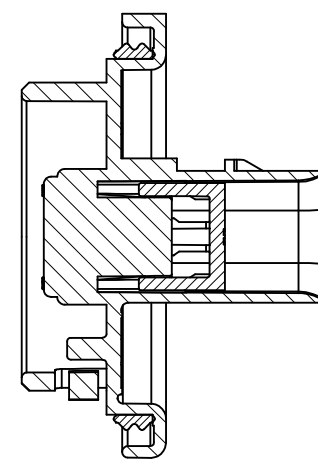
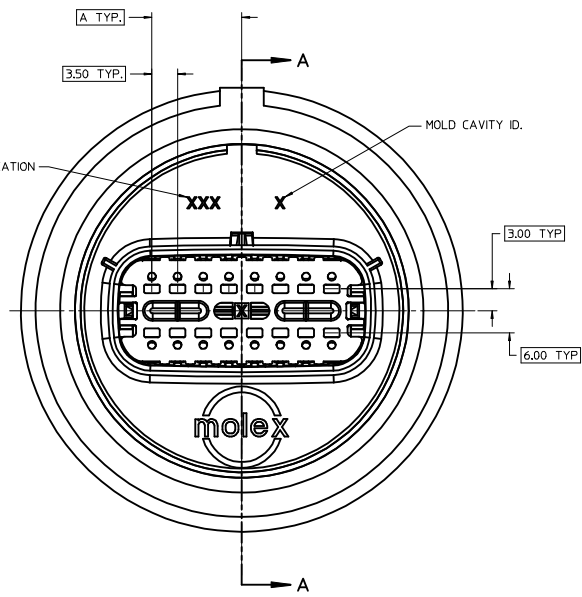
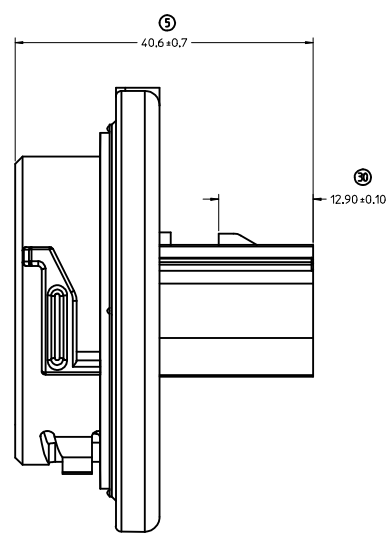


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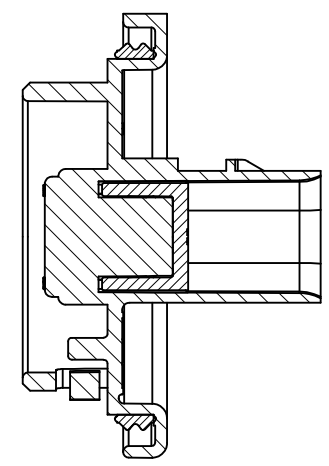
SEE REV. COLUMN DEC NO. 01/2017-0788 DRAWN: CWA CHKD: APPR: K0EKSGL 2017/03/07 2017/03/14	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm	INCH	MM ONLY	2:1	METRIC	
	▽=0	4 PLACES ± ---	± ---	DRAWN BY	DATE	TITLE	
	▽=0	3 PLACES ± ---	± ---	MDICK	2011/11/22	MX150 DUAL ROW BULKHEAD TWIST-LOCK CONNECTOR ASSEMBLY	
	2 PLACES ± 0.10	± ---	CHECKED BY	DATE	MOLEX INCORPORATED		
	1 PLACE ± 0.20	± ---	MYANSLAMBROU	2011/11/22	MOLEX INCORPORATED		
	ANGULAR ± 3°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY	DATE	MATERIAL NO.	DOCUMENT NO.
						SEE TABLE	SD-34840-001
				SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
				D	SHEET NO. 5 OF 10		

CIRCUIT SIZE	DIMENSIONS	
	A	B
6	3.50	50.3
8	5.25	50.3
12	8.75	60.2
16	12.25	60.2

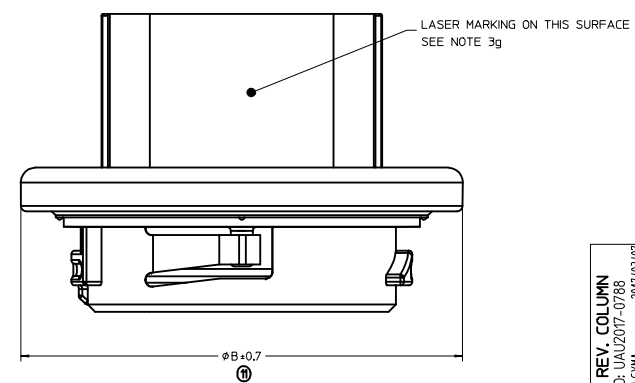
BULKHEAD CONNECTOR



SECTION A-A
PLR SHOWN IN PRE-LOCK POSITION



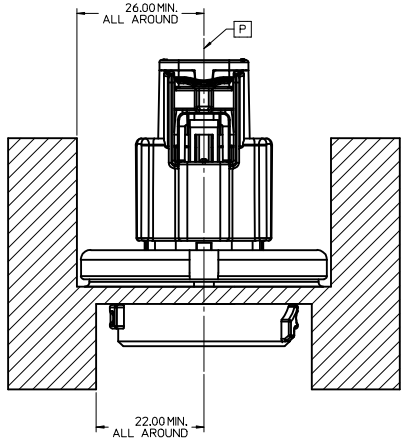
SECTION A-A
PLR SHOWN IN FINAL-LOCK POSITION



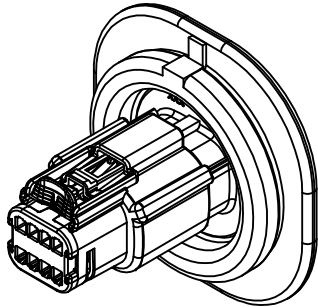
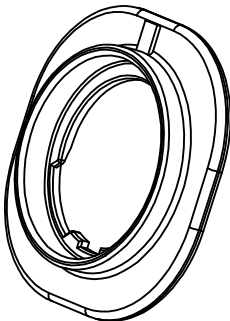
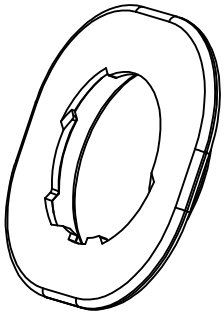
SEE REV. COLUMN DEC NO: JAU2017-0788 DRAWN: CWA CHKD: B4 APPR: KOEKSKI 2017/03/14	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	3:1	METRIC	☉
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE			
	▽=0	3 PLACES ± --- ± ---	MDICK 2011/11/22			
	2 PLACES ± 0.10 ± ---	CHECKED BY DATE				TITLE
	1 PLACE ± 0.20 ± ---	MVANS LAMBROU 2011/11/22				MX150 DUAL ROW BULKHEAD TWIST-LOCK CONNECTOR ASSEMBLY
	ANGULAR ± 3°	APPROVED BY DATE				moLEX MOLEX INCORPORATED
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.	DOCUMENT NO.		SHEET NO.
			SEE TABLE	SD-34840-001		6 OF 10
			SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

6/8 CKT BULKHEAD CONNECTOR INTERFACE SHEET 1/2

IF BULKHEAD INTERFACE IS RECESSED INTO A POCKET, THESE DIMENSIONS REPRESENT THE MINIMUM CLEARANCE REQUIRED FOR THE MATING HARNESS AND BULKHEAD CONNECTOR SHROUDS.



PACKAGING FRAME

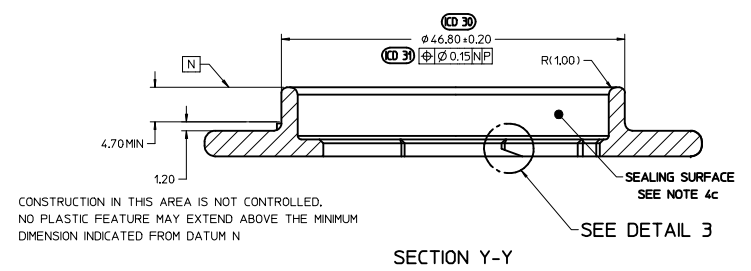
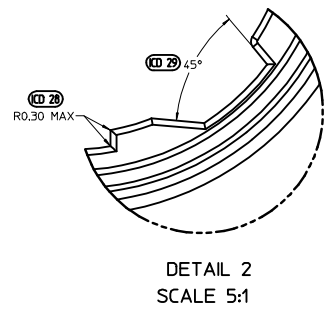
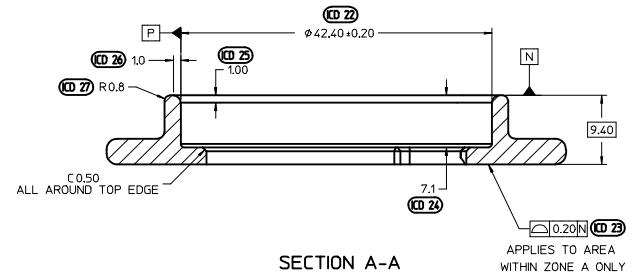
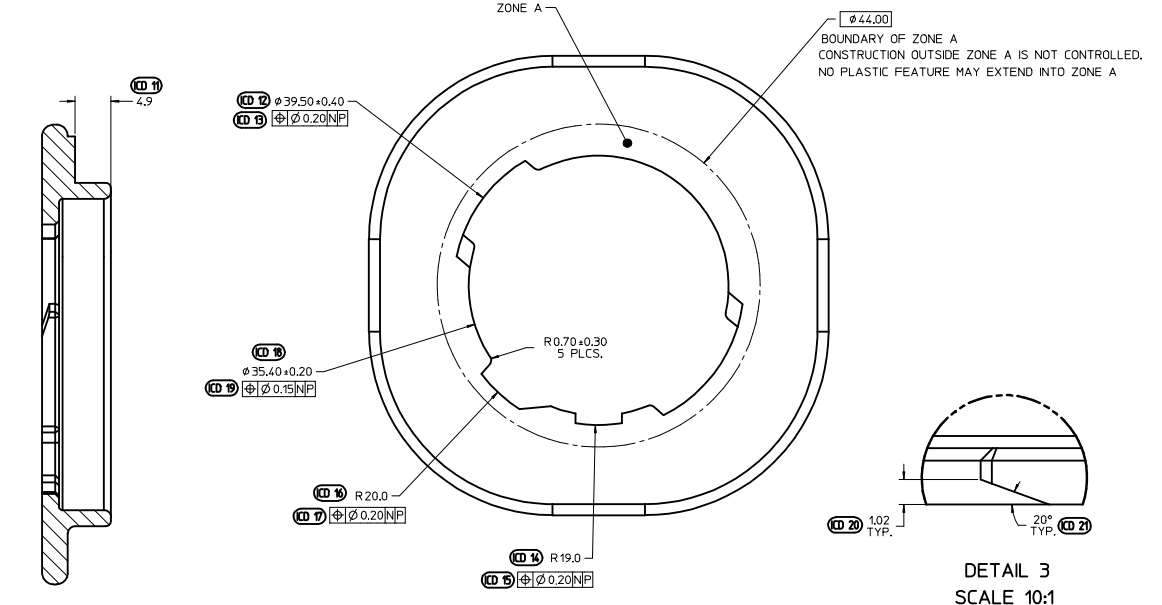
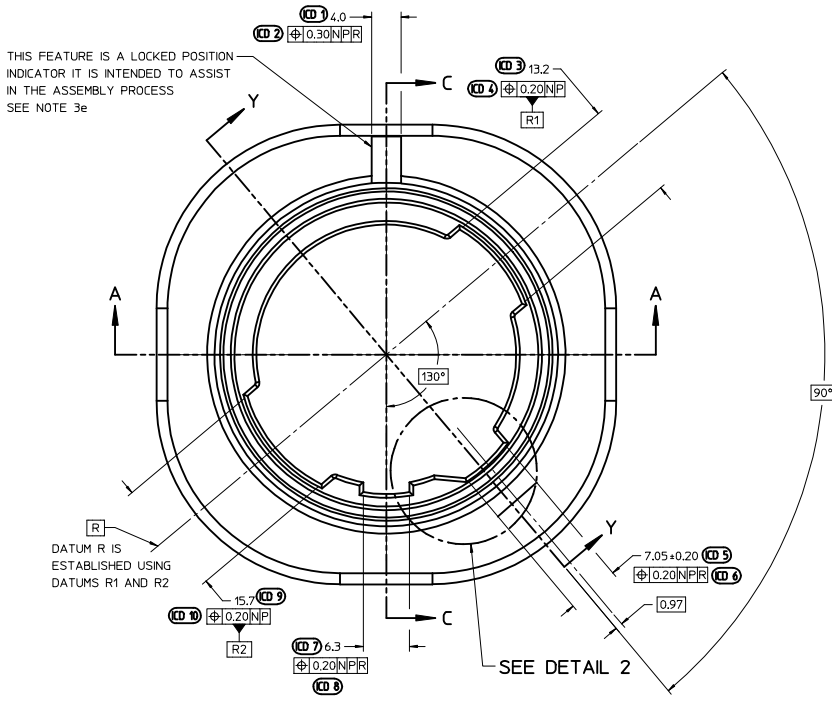


BULKHEAD INTERFACE NOTES: VALID UNLESS OTHERWISE SPECIFIED

- 1. GENERAL:
 - a. DESIGNED TO MATE WITH MOLEX CONNECTOR SERIES # 34840
 - b. ALL DIMENSIONS SHOWN IN MILLIMETERS
- 2. MATERIALS:
 - a. MATERIAL: BLACK TALC FILLED POLYPROPYLENE PER GMP.PP.030 OR EQUIVALENT
- 3. 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 - 2009
 - c. GENERAL TOLERANCES: SEE TITLE BLOCK
 - d. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
 - e. LOCKED POSITION INDICATOR IS INTENDED TO BE A VISUAL AID TO ENSURE THE BULKHEAD CONNECTOR IS IN THE LOCKED POSITION. THE BULKHEAD CONNECTOR HAS A CORRESPONDING FEATURE THAT WILL ALIGN WITH THE BULKHEAD INTERFACE WHEN FULLY LOCKED
- 4. MANUFACTURING:
 - a. DRAFT TO BE WITHIN TOLERANCE.
 - PLUS DRAFT - INDICATES DIMENSION REPRESENTS THE SMALLEST SIZE OF A FEATURE. DRAFT WILL ADD MATERIAL.
 - MINUS DRAFT - INDICATES DIMENSION REPRESENTS THE LARGEST SIZE OF A FEATURE. DRAFT WILL REMOVE MATERIAL.
 - b. ALLOWABLE FLASH MAX 0.20 HIGH BY MAX 0.13 THICK.
 - c. NO PARTING LINES, MISMATCHES OR EJECTOR MARKS PERMISSIBLE WITHIN SEALING SURFACE. SEALING SURFACE TOOLING TO BE PROCESSED TO A SURFACE FINISH OF NTMA #70 (400 PAPER) MINIMUM
 - d. NO EXTERNAL MOLD RELEASE AGENT ALLOWED DURING MANUFACTURING.

SEE REV. COLUMN DEC NO: UAU2017-0788 DRAWN: CMA CHYD: APPR: KOEKSKI 2017/03/14 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	∇=0 ∇=0 ∇=0	4 PLACES ± --- # --- 3 PLACES ± --- # --- 2 PLACES ± 0.10 # --- 1 PLACE ± 0.20 # --- ANGULAR ± 3 °	MM ONLY INCH	DRAWN BY: MDICK DATE: 2011/11/22 CHECKED BY: MVANSLAMBROU DATE: 2011/11/22 APPROVED BY:	2:1	METRIC	MX150 DUAL ROW BULKHEAD TWIST-LOCK CONNECTOR ASSEMBLY
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO: N/A	DOCUMENT NO: SD-34840-001	MOLEX INCORPORATED			
	SIZE: D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			SHEET NO: 7 OF 10		

6/8 CKT BULKHEAD CONNECTOR INTERFACE SHEET 2/2



SEE REV. COLUMN EC NO: UAU2017-0788 DRAWN: CWA CHKD: APPR: KOEKGSKI 2017/03/14	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	∇=0 ∇=0 ∇=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.20 ± --- ANGULAR ± 3 °	MM ONLY	3:1	METRIC	☉ □ THIRD ANGLE PROJECTION
	DRAWN BY: MDICK CHECKED BY: MYANSLAMBROU APPROVED BY:	DATE: 2011/11/22 DATE: 2011/11/22 DATE:	TITLE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		N/A	N/A	SD-34840-001	8 OF 10

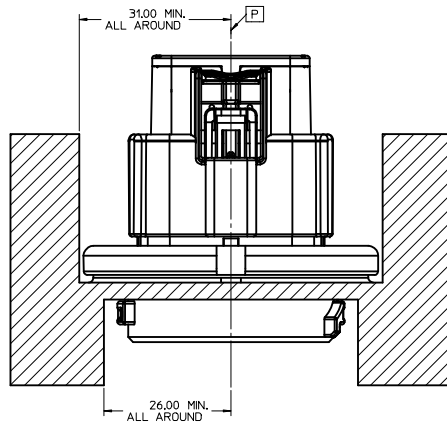
MOLEX INCORPORATED

MX150 DUAL ROW BULKHEAD TWIST-LOCK CONNECTOR ASSEMBLY

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

IF BULKHEAD INTERFACE IS RECESSED INTO A POCKET, THESE DIMENSIONS REPRESENT THE MINIMUM CLEARANCE REQUIRED FOR THE MATING HARNESS AND BULKHEAD CONNECTOR SHROUDS.



PACKAGING FRAME

12/16 CKT BULKHEAD CONNECTOR INTERFACE SHEET 1/2

BULKHEAD INTERFACE NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

- a. DESIGNED TO MATE WITH MOLEX CONNECTOR SERIES # 34840
- b. ALL DIMENSIONS SHOWN IN MILLIMETERS

2. MATERIALS:

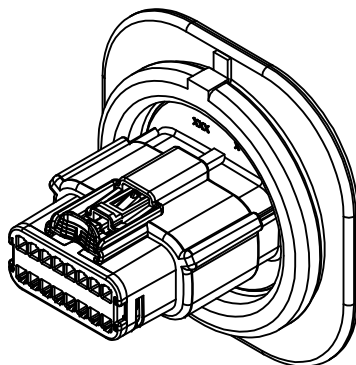
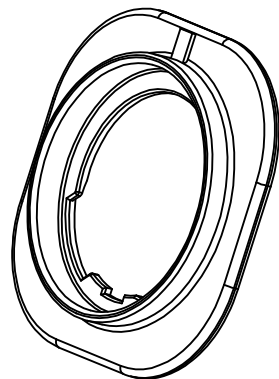
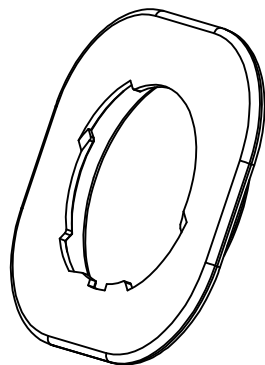
- a. MATERIAL: BLACK TALC FILLED POLYPROPYLENE PER GMP.PP.030 OR EQUIVALENT

3. 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 - 2009
- c. GENERAL TOLERANCES: SEE TITLE BLOCK
- d. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
- e. LOCKED POSITION INDICATOR IS INTENDED TO BE A VISUAL AID TO ENSURE THE BULKHEAD CONNECTOR IS IN THE LOCKED POSITION. THE BULKHEAD CONNECTOR HAS A CORRESPONDING FEATURE THAT WILL ALIGN WITH THE BULKHEAD INTERFACE WHEN FULLY LOCKED

4. MANUFACTURING:

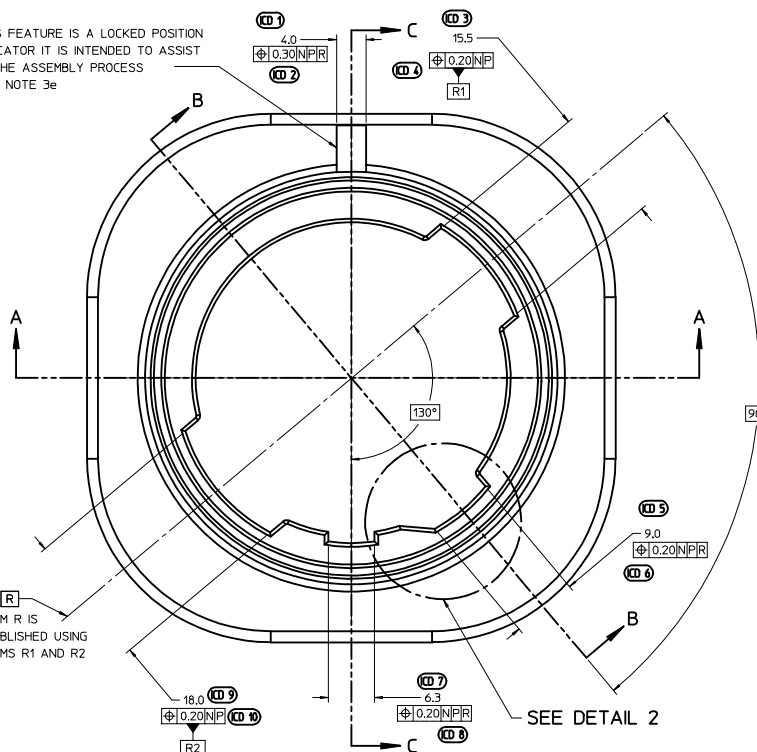
- a. DRAFT TO BE WITHIN TOLERANCE.
 PLUS DRAFT - INDICATES DIMENSION REPRESENTS THE SMALLEST SIZE OF A FEATURE. DRAFT WILL ADD MATERIAL.
 MINUS DRAFT - INDICATES DIMENSION REPRESENTS THE LARGEST SIZE OF A FEATURE. DRAFT WILL REMOVE MATERIAL.
- b. ALLOWABLE FLASH MAX 0.20 HIGH BY MAX 0.13 THICK.
- c. NO PARTING LINES, MISMATCHES OR EJECTOR MARKS PERMISSIBLE WITHIN SEALING SURFACE. SEALING SURFACE TOOLING TO BE PROCESSED TO A SURFACE FINISH OF N70 (400 PAPER) MINIMUM
- d. NO EXTERNAL MOLD RELEASE AGENT ALLOWED DURING MANUFACTURING.



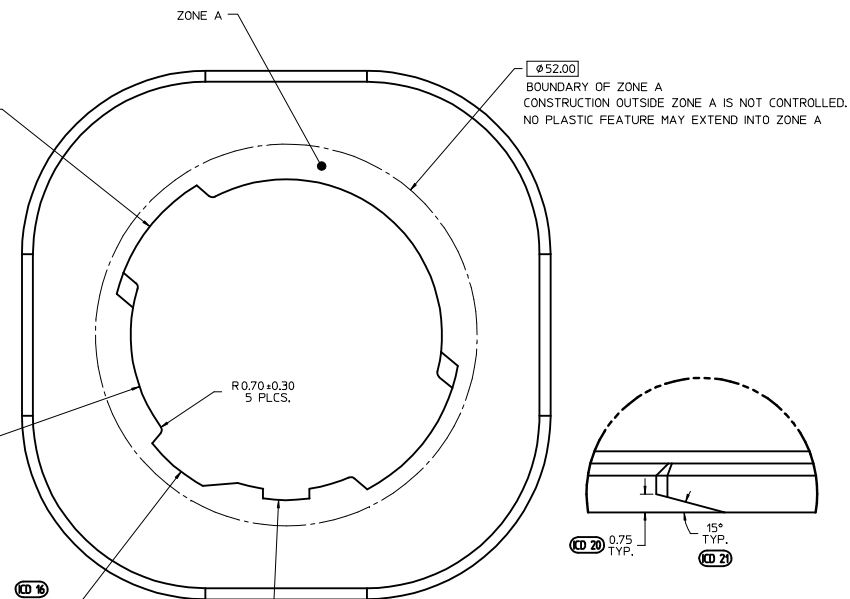
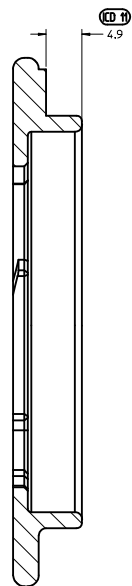
SEE REV. COLUMN DEC NO: 1/10/2017-0788 DRAWN: CMA B4 CHKD: APPR: KOEKSKI 2017/03/14	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	∇=0 ∇=0 ∇=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.20 ± --- ANGULAR ± 3 °	MM ONLY	2:1	METRIC	
	DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY DATE MDICK 2011/11/22 CHECKED BY DATE MVANSLAMBROU 2011/11/22 APPROVED BY DATE	TITLE MX150 DUAL ROW BULKHEAD TWIST-LOCK CONNECTOR ASSEMBLY		
	MATERIAL NO. N/A	DOCUMENT NO. SD-34840-001	MOLEX INCORPORATED			SHEET NO. 9 OF 10

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

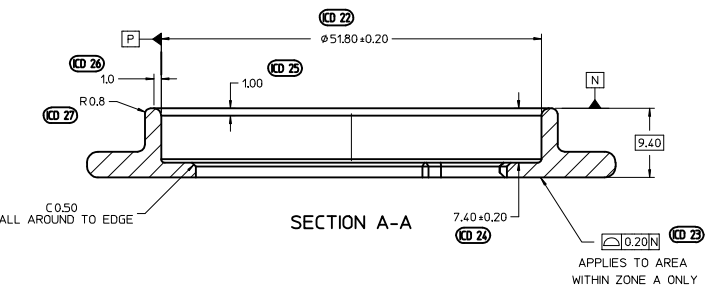
THIS FEATURE IS A LOCKED POSITION INDICATOR IT IS INTENDED TO ASSIST IN THE ASSEMBLY PROCESS SEE NOTE 3e



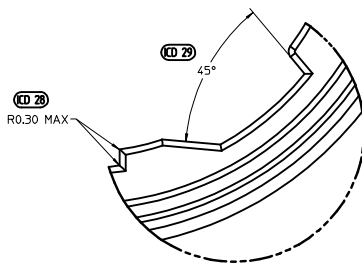
SECTION C-C



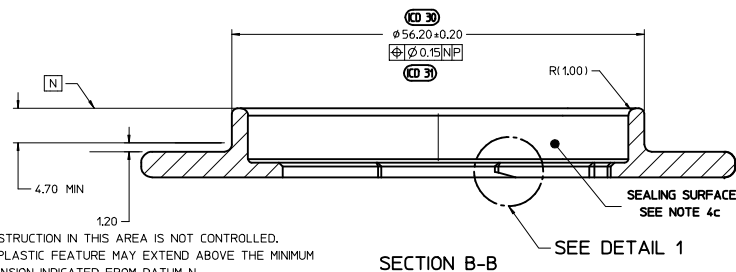
DETAIL 1
SCALE 10:1



SECTION A-A



DETAIL 2
SCALE 5:1



SECTION B-B

SEE REV. COLUMN EC NO. UAU2017-0788 DRAWN BY B4 CHKD: APPR: KEGSKL 2017/03/14 2017/03/14	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla=0$ $\nabla=0$ $\nabla=0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.20 ± --- ANGULAR ± 3°	MM ONLY	3:1	METRIC	
	DRAWN BY: MDICK CHECKED BY: MYANSLAMBROU APPROVED BY:	DATE: 2011/11/22 DATE: 2011/11/22 DATE:	TITLE			MX150 DUAL ROW BULKHEAD TWIST-LOCK CONNECTOR ASSEMBLY
	MATERIAL NO. N/A SIZE D THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	MOLEX INCORPORATED	DOCUMENT NO. SD-34840-001 SHEET NO. 10 OF 10			