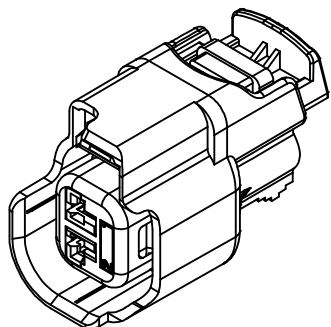
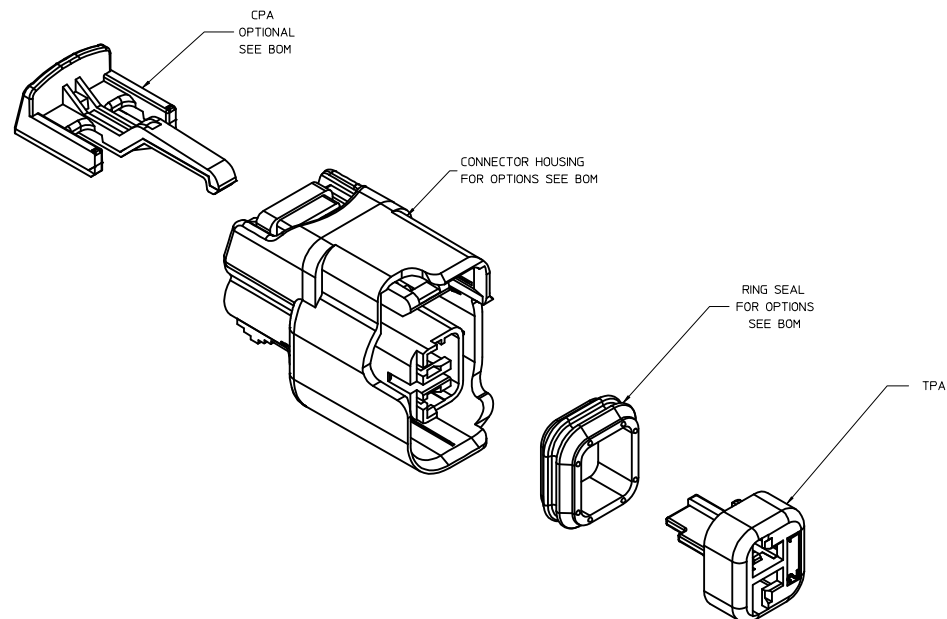


TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES
2, 3	CONFIGURATIONS
4	RECEPTACLE CONNECTOR ASSEMBLY
5	MOLEX INTERFACE

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
- a. APPLICATION SPECIFICATION SEE: AS-34062-000
- CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.
 - DESIGNED TO MATE WITH DEVICE CONNECTION AS SPECIFIED IN DRAWING EWCAP 150-S-002-1-201. AVAILABLE AT <http://ewcap.uscarleams.org/>.
 - DESIGNED TO MATE WITH BLADE SEALED ASSEMBLY AS SPECIFIED IN DRAWING: SD-34675-001
- b. PRODUCT SPECIFICATION SEE: PS-34062-000
- CONTAINS: SCOPE, PRODUCT DESCRIPTION, INTEGRAL COMPONENTS AND ACCESSORIES, APPLICABLE DOCUMENTS AND SPECIFICATIONS, RATINGS, PERFORMANCE, PACKAGING, GAUGE AND FIXTURES, AND OTHER INFORMATION.
- c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-30907-879
- 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 IN SD-34062-004
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

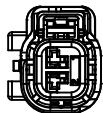
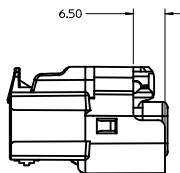


INSPECTION NUMBER LOG
LAST NUMBER USED:
ADDED:
REMOVED:

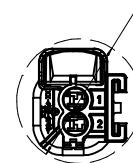
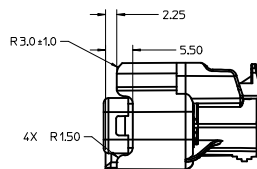
J13	UPDATED FORMAT FOR SHEET 1 NOTES
J12	UPDATED NOTES
J11	MOVED BOM TO MOLEX DRAWING E-34062-004
J10	P/N 34062-0048 THRU 0055 & 0056 SALEABLE
J9	UPDATED VIEWS
J8	UPDATE 34062-0057
J7	ADDED P/N 34062-0057
J6	P/N 34062-0041, 0043, 0044, & 0046 SALEABLE
J5	ADDED P/N 34062-0056
J4	ADDED P/N 34062-4003 & 34062-4004
J3	34062-0042 & 34062-0045 SALEABLE
J2	UPDATED VIEWS
REV	DESCRIPTION

ENTER DESCRIPTION EC NO: UAU2016-0315 DRAWN: JZELSKI CHKD: APPR: WDSHY J13	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm INCH		DRAWN BY DATE KCUNNINGHAM 2011/11/08		TITLE MX150 2 WAY CABLE SEAL RECEPTACLE CONN. SYSTEM (5.0MM PITCH)		
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.3 ± --- 0 PLACE ± ±		CHECKED BY DATE MVANSLAMBROU 1/26/2012		DOCUMENT NO. SD-34062-002		
		ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY DATE		SHEET NO. 1 OF 5		
MATERIAL NO. SEE NOTE 2a.				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

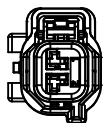
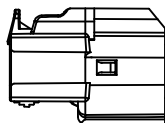
SHEET DESCRIPTION
CONFIGURATIONS



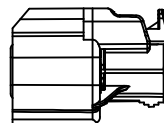
OPTION A W/CLIP-SLOT



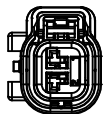
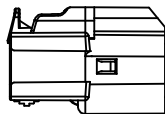
Ø25.50
MINIMUM PASS-THRU WITH
NO CLEARANCE
APPLIES TO CLIP-SLOT
OPTIONS A, C AND D



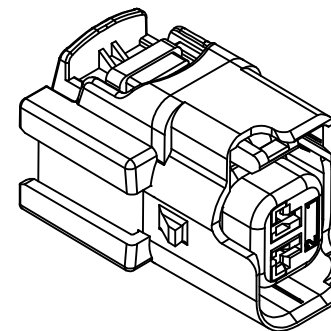
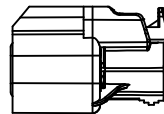
OPTION B W/CLIP-SLOT



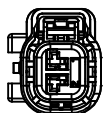
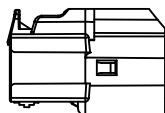
Ø26.00
MINIMUM PASS-THRU WITH
NO CLEARANCE
APPLIES TO CLIP-SLOT
OPTIONS B



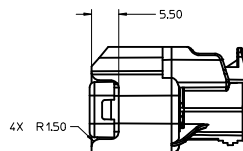
OPTION C W/CLIP-SLOT



CLIP-SLOT OPTION
SCALE 4:1



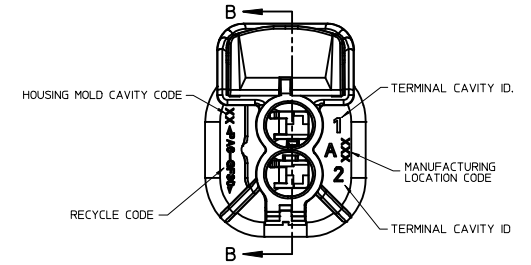
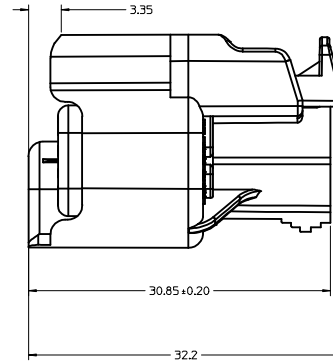
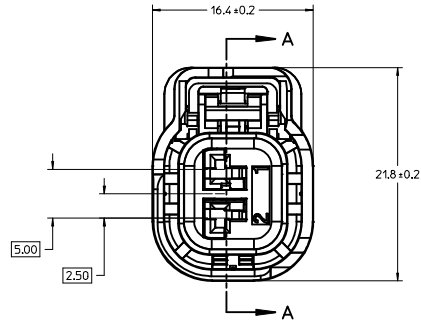
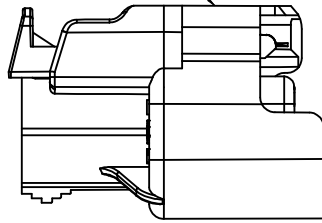
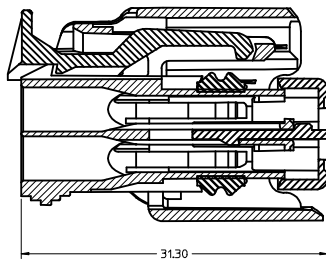
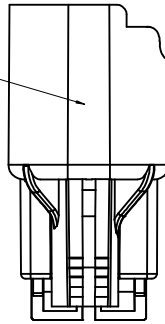
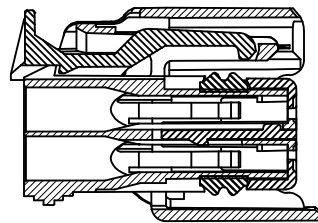
OPTION D W/CLIP-SLOT



ENTER DESCRIPTION LEC NO: UAU2016-0315 DRAWN: IZUZELSK1 CHKD: APPR: WOSHY J13	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION 2015/09/01 2015/09/02	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE MX150 2 WAY CABLE SEAL RECEPTACLE CONN. SYSTEM (5.0MM PITCH) molex	DOCUMENT NO. SD-34062-002	SHEET NO. 3 OF 5		
			DRAWN BY		DATE		DRAWN BY						DATE	
			CHECKED BY		DATE		CHECKED BY						DATE	
			APPROVED BY		DATE		APPROVED BY						DATE	
ANGULAR ± 3 °		MATERIAL NO.		SEE NOTE 2a.		SD-34062-002								
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 DESCRIPTION

RECEPTACLE CONNECTOR ASSEMBLY

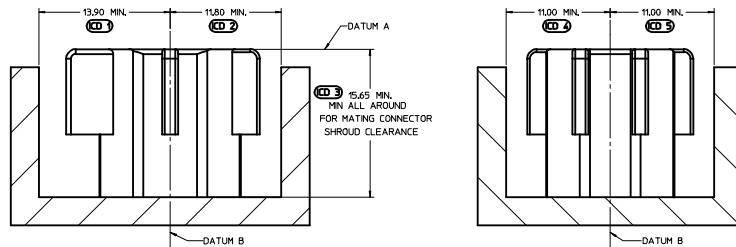
OPTIONAL LASER MARKING SURFACE
SEE NOTE h.OPTIONAL LASER MARKING SURFACE
SEE NOTE h.TPA SHOWN IN THE
PRE-STAGED POSITION
SECTION A-A

SECTION B-B

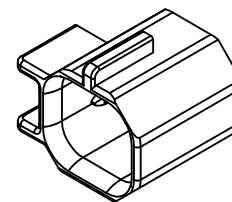
TPA SHOWN IN
FINAL-LOCK POSITION

ENTER DESCRIPTION IEC NO. UAU2016-0315 DRAWN: JZELSKI CHKD: APPR: WOSHY REV J13	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY				SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
			mm		INCH		TITLE			
			4 PLACES	±	---	---	DRAWN BY	DATE		MX150 2 WAY CABLE SEAL RECEPTACLE CONN. SYSTEM (5.0MM PITCH) molex
			3 PLACES	±	---	---	KCUNNINGHAM	2011/11/08		
			2 PLACES	±	0.10	---	CHECKED BY	DATE		
			1 PLACE	±	0.3	---	MYANSLAMBROU	1/26/2012		
			0 PLACE	±	---	---	APPROVED BY	DATE		
			ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.			SHEET NO.
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE NOTE 2a.		SD-34062-002		4 OF 5				
SIZE D THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										

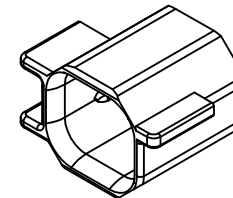
IF A HEADER IS RECESSED INTO A POCKET, THESE DIMENSIONS REPRESENT THE MINIMUM CLEARANCE REQUIRED FOR THE MATING CONNECTOR SHROUD.



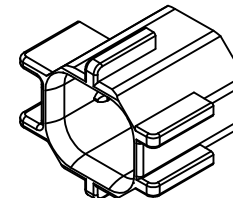
PACKAGING FRAME



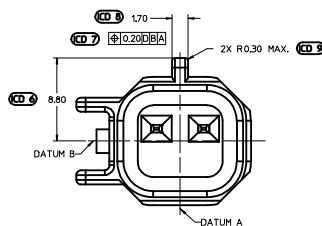
OPTION G



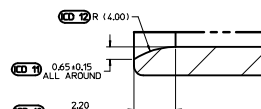
OPTION F



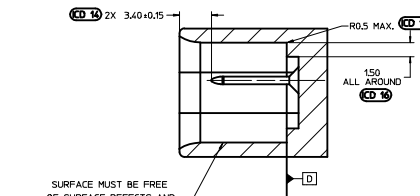
OPTION E



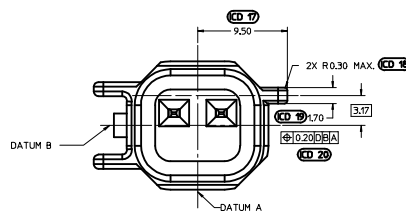
OPTION G
SAME AS OPTION F
EXCEPT AS SHOWN



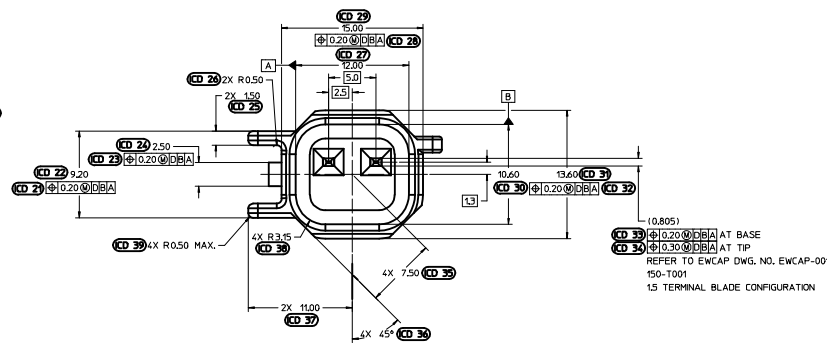
DETAIL 2
SCALE 10:1



SECTION W-W

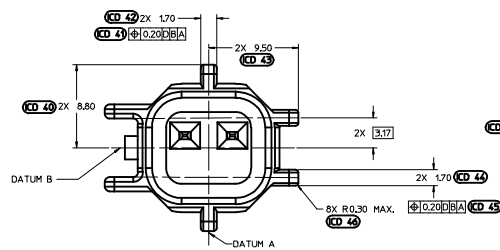


OPTION F



OPTION F

SECTION X-X



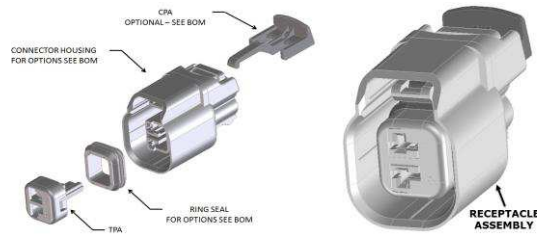
OPTION E
SAME AS OPTION F
EXCEPT AS SHOWN

NOTES: UNLESS OTHERWISE SPECIFIED

- ALL DIMENSIONS SHOWN IN MILLIMETERS.
- DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994
- 0.25 RADII ON ALL CORNERS SHOWN SHARP.
- UNSPECIFIED RADII: 0.25 EXCEPT AS NOTED.
- STANDARD COLORS FOR POLARIZATION (SEE CHART). DEVIATION REQUIRES APPROVAL OF AUTHORIZED PERSON.
- REFER TO SAE/USCAR 12 CONNECTOR GUIDELINES FOR ADDITIONAL REQUIREMENTS.
- EXCEPT WHERE NOTED, DRAFT ON OUTSIDE SURFACES IS PERMISSIBLE WITHIN TOLERANCE.
- $\square \rightarrow$ SYMBOL INDICATES DRAFT DIRECTION.
- FOR TERMINAL MATERIAL, DIMENSIONAL, AND COATING REQUIREMENTS AND ANY BLADE TERMINAL DESIGN INFORMATION NOT SHOWN ON THIS DRAWING SEE EWCAP DWG. NO. EWCAP-001
- A FULL SHROUD ON THE MATING CONNECTOR IS REQUIRED TO INSURE THAT THE CONNECTOR-HEADER POLARIZATION FEATURES (OPTIONS A THRU D) WILL FUNCTION. THE FULL SHROUD ALSO PREVENTS SCOOP DAMAGE TO THE HEADER PINS. REFER TO SAE/USCAR-12 CONNECTOR DESIGN GUIDE LINES FOR ADDITIONAL INFORMATION.
- REFER TO USCAR/EWCAP PART LIST AS FOUND ON WEBSITE <http://www.uscarteams.org>
- THIS IS A 100% CAD GENERATED PART. THE CAT MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.

E	BLACK	E
F	GRAY	D
G	BLACK	C
OPTION	COLOR	SIMILAR TO AFL DRAWING R6341 (OPTION GEOMETRY IDENTICAL)

ENTER DESCRIPTION EC NO. UAL2016-0315 DRAWN: JZUELSKI CHECKED: JZUELSKI DATE: 2015/09/01 APP'D: WOSHY REV	QUALITY SYMBOLS $\nabla=0$ $\nabla=0$ $\nabla=0$ $\nabla=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
				DRAWN BY K CUNNINGHAM	DATE 2011/11/08	TITLE MX150 2 WAY CABLE SEAL RECEPTACLE CONN. SYSTEM (5.0MM PITCH)		
		4 PLACES ± 0.10		CHECKED BY MVANSLAMBROU	DATE 1/26/2012	 DOCUMENT NO. SD-34062-002		
		2 PLACES ± 0.10		APPROVED BY	DATE			
		1 PLACE ± 0.3						
		0 PLACE ±						
ANGULAR ± 3°		MATERIAL NO. N/A		SHEET NO. 5 OF 5				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE E		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



RECOMMENDED MATING DEVICE TABLE			
ABBREVIATION	DESCRIPTION	DRAWING INFORMATION	ADDITIONAL INFORMATION
1	USCAR INTERFACE	150-5-002-1-201	http://www.ap.uscar.net/002
2	MOLEX INTERFACE	SD-34062-002 SHEET 5	
3	MOLEX INLINE MALE CONNECTOR	E-34675-001	

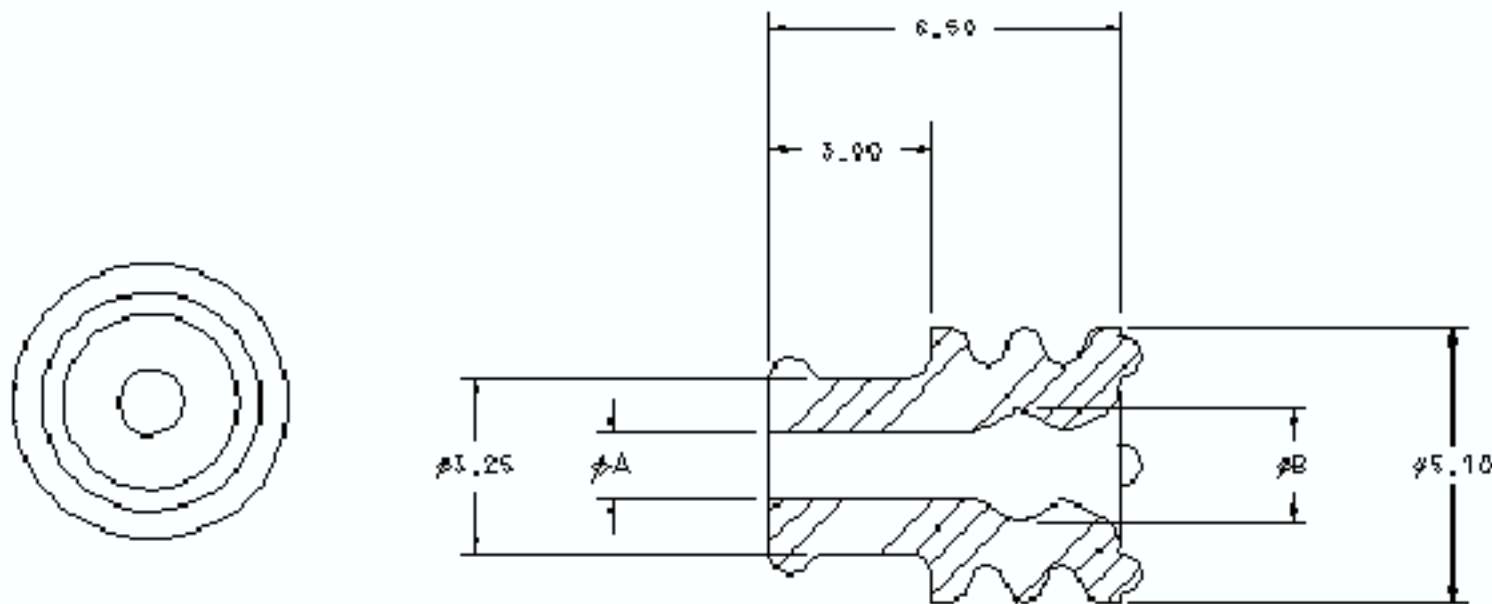
BOM/ APPLICABLE COMPONENTS TABLE			
ABBREVIATION	DESCRIPTION	COLOR	MATERIAL
A-BLK	HOUSING OPTION A	BLACK	PAG GF30
B-LG	HOUSING OPTION B	LIGHT GRAY	PAG GF30
C-BLK	HOUSING OPTION C	BLACK	PAG GF30
D-BLK	HOUSING OPTION D	BLACK	PAG GF30
D-LG	HOUSING OPTION D	LIGHT GRAY	PAG GF30
E-BLK	HOUSING OPTION E	BLACK	PAG GF30
F-LG	HOUSING OPTION F	LIGHT GRAY	PAG GF30
G-BLK	HOUSING OPTION G	BLACK	PAG GF30
A-BLK-CLIP	HOUSING OPTION A WITH CLIPSLOT	BLACK	PAG GF30
B-LG-CLIP	HOUSING OPTION B WITH CLIPSLOT	LIGHT GRAY	PAG GF30
C-BLK-CLIP	HOUSING OPTION C WITH CLIPSLOT	BLACK	PAG GF30
D-BLK-CLIP	HOUSING OPTION D WITH CLIPSLOT	BLACK	PAG GF30
D-LG-CLIP	HOUSING OPTION D WITH CLIPSLOT	LIGHT GRAY	PAG GF30
C-BLK-SV	HOUSING OPTION C - SEVERE VIBRATION	BLACK	PAG GF30
D-BLK-SV	HOUSING OPTION D - SEVERE VIBRATION	BLACK	PAG GF30
R3	RING SEAL TEMP. CLASS 3	MEDIUM BLUE	INHERENTLY LUBRICATED SILICONE
R4	RING SEAL TEMP. CLASS 4	GREEN	INHERENTLY LUBRICATED SILICONE
CPA	CPA	RED	PBT GF30
TPA	INSERT, TPA	NATURAL	PBT GF30

FOR ADDITIONAL INFORMATION SEE SD-34062-002

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT				ASSEMBLY OPERATING TEMPERATURE	RECOMMENDED MATING DEVICE			PRODUCTION TOOL STATUS	COMMENTS	
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.					1	2	3			
		HOUSING OPTION/COLOR	TPA	CPA	RING SEAL							
OPTION A, BLACK, W/O CPA	34062-0021	A-BLK	TPA		R3	-40°C TO 125°C	1			SALEABLE		
OPTION B, LIGHT GRAY, W/O CPA	34062-0022	B-LG	TPA		R3	-40°C TO 125°C	1			SALEABLE	PREFERRED, FULLY SHROUDED	
OPTION C, BLACK, W/O CPA	34062-0023	C-BLK	TPA		R3	-40°C TO 125°C	1		3	SALEABLE	PREFERRED, FULLY SHROUDED	
OPTION D, BLACK, W/O CPA	34062-0024	D-BLK	TPA		R3	-40°C TO 125°C	1			SALEABLE		
OPTION D, LIGHT GRAY, W/O CPA	34062-0029	D-LG	TPA		R3	-40°C TO 125°C	1			SALEABLE		
OPTION A, BLACK, W/ CPA	34062-0025	A-BLK	TPA	CPA	R3	-40°C TO 125°C	1			SALEABLE		
OPTION B, LIGHT GRAY, W/ CPA	34062-0026	B-LG	TPA	CPA	R3	-40°C TO 125°C	1			3	SALEABLE	PREFERRED, FULLY SHROUDED
OPTION C, BLACK, W/ CPA	34062-0027	C-BLK	TPA	CPA	R3	-40°C TO 125°C	1			3	SALEABLE	PREFERRED, FULLY SHROUDED
OPTION D, BLACK, W/ CPA	34062-0028	D-BLK	TPA	CPA	R3	-40°C TO 125°C	1			SALEABLE		
OPTION D, LIGHT GRAY, W/ CPA	34062-0030	D-LG	TPA	CPA	R3	-40°C TO 125°C	1			SALEABLE		
OPTION A, BLACK, WITH CLIPSLOT, W/O CPA	34062-0031	A-BLK-CLIP	TPA		R3	-40°C TO 125°C	1			SALEABLE		
OPTION B, LIGHT GRAY, WITH CLIPSLOT, W/O CPA	34062-0032	B-LG-CLIP	TPA		R3	-40°C TO 125°C	1			3	SALEABLE	PREFERRED, FULLY SHROUDED
OPTION C, BLACK, WITH CLIPSLOT, W/O CPA	34062-0033	C-BLK-CLIP	TPA		R3	-40°C TO 125°C	1			3	SALEABLE	PREFERRED, FULLY SHROUDED
OPTION D, BLACK, WITH CLIPSLOT, W/O CPA	34062-0034	D-BLK-CLIP	TPA		R3	-40°C TO 125°C	1			SALEABLE		
OPTION D, LIGHT GRAY, WITH CLIPSLOT, W/O CPA	34062-0035	D-LG-CLIP	TPA		R3	-40°C TO 125°C	1			SALEABLE		
OPTION A, BLACK, WITH CLIPSLOT, W/ CPA	34062-0036	A-BLK-CLIP	TPA	CPA	R3	-40°C TO 125°C	1			SALEABLE		
OPTION B, LIGHT GRAY, WITH CLIPSLOT, W/ CPA	34062-0037	B-LG-CLIP	TPA	CPA	R3	-40°C TO 125°C	1			3	SALEABLE	PREFERRED, FULLY SHROUDED
OPTION C, BLACK, WITH CLIPSLOT, W/ CPA	34062-0038	C-BLK-CLIP	TPA	CPA	R3	-40°C TO 125°C	1			3	SALEABLE	PREFERRED, FULLY SHROUDED
OPTION D, BLACK, WITH CLIPSLOT, W/ CPA	34062-0039	D-BLK-CLIP	TPA	CPA	R3	-40°C TO 125°C	1			SALEABLE		
OPTION D, LIGHT GRAY, WITH CLIPSLOT, W/ CPA	34062-0040	D-LG-CLIP	TPA	CPA	R3	-40°C TO 125°C	1			SALEABLE		
OPTION C, BLACK, SEVERE VIBRATION, W/ CPA	34062-4008	C-BLK-SV	TPA	CPA	RA	-40°C TO 155°C	1			SALEABLE	PREFERRED, FULLY SHROUDED	
OPTION D, BLACK, SEVERE VIBRATION, W/ CPA	34062-4009	D-BLK-SV	TPA	CPA	RA	-40°C TO 155°C	1			SALEABLE		
OPTION E, BLACK, W/O CPA	34062-0041	E-BLK	TPA		RA	-40°C TO 155°C		2		SALEABLE	PREFERRED, FULLY SHROUDED	
OPTION F, LIGHT GRAY, W/O CPA	34062-0042	F-LG	TPA		RA	-40°C TO 155°C	2			SALEABLE	PREFERRED, FULLY SHROUDED	
OPTION G, BLACK, W/O CPA	34062-0043	G-BLK	TPA		RA	-40°C TO 155°C	2			SALEABLE	PREFERRED, FULLY SHROUDED	
OPTION E, BLACK, W/ CPA	34062-0044	E-BLK	TPA	CPA	RA	-40°C TO 155°C		2		SALEABLE	PREFERRED, FULLY SHROUDED	
OPTION F, LIGHT GRAY, W/ CPA	34062-0045	F-LG	TPA	CPA	RA	-40°C TO 155°C	2			SALEABLE	PREFERRED, FULLY SHROUDED	
OPTION G, BLACK, W/ CPA	34062-0046	G-BLK	TPA	CPA	RA	-40°C TO 155°C	2			SALEABLE	PREFERRED, FULLY SHROUDED	
OPTION A, BLACK, W/ CPA	34062-0047	A-BLK	TPA		R3	-40°C TO 125°C	1			SALEABLE		
OPTION B, LIGHT GRAY, W/O CPA	34062-0048	B-LG	TPA		RA	-40°C TO 155°C	1			3	SALEABLE	PREFERRED, FULLY SHROUDED
OPTION C, BLACK, W/O CPA	34062-0049	C-BLK	TPA		RA	-40°C TO 155°C	1			3	SALEABLE	PREFERRED, FULLY SHROUDED
OPTION B, LIGHT GRAY, W/ CPA	34062-0050	B-LG	TPA	CPA	RA	-40°C TO 155°C	1			3	SALEABLE	PREFERRED, FULLY SHROUDED
OPTION C, BLACK, W/ CPA	34062-0051	C-BLK	TPA	CPA	RA	-40°C TO 155°C	1			3	SALEABLE	PREFERRED, FULLY SHROUDED
OPTION B, LIGHT GRAY, WITH CLIPSLOT, W/O CPA	34062-0052	B-LG-CLIP	TPA		RA	-40°C TO 155°C	1			3	SALEABLE	PREFERRED, FULLY SHROUDED
OPTION C, BLACK, WITH CLIPSLOT, W/O CPA	34062-0053	C-BLK-CLIP	TPA		RA	-40°C TO 155°C	1			3	SALEABLE	PREFERRED, FULLY SHROUDED



SCALE 3:1



SECTION A--A

- 1) CRITICAL DIMENSION
2) UNLESS OTHERWISE NOTED, TOLERANCE, FINISH AND FLASH TO CONFORM TO FIG. A2-E2-T 0.4.
3) SPECIFICATION: ASTM D2000 MICHIGAN AIR ESP. EN 16 CH 21 - 25
21- HARDNESS, SHORE-J, 13AS
22- MODULUS AT 100% ELONGATION, DIE-C, 25 TO 100 PSI
23- HEAT RESISTANCE, ASTM D573, TO BE PERFORMED FOR 168HR. AT 150°C
24- COMPRESSION SET, ASTM D573, METHOD-B, 20% AT 180°C, 16% MAX.
25- FLUID RESISTANCE, ASTM D471, 168H AT 27°C, 100% METHANOL
HARDNESS CHANGE : 0 TO -12 POINTS MAX.
TENSILE STRENGTH CHANGE : -50% MAX.
ELONGATION CHANGE : -50% MAX.
VOLUME CHANGE : 0 TO +15% MAX.

E-1644-02	7157-3337-70	1.65	2.40	YELLOW	2.18 - 2.70	2197
E-1644-01	7157-3379-50	0.90	1.65	PINK	1.19 - 1.70	2071
E-1644-00	7157-3338-60	1.25	2.10	GREEN	1.60 - 2.10	1934, 2612, 2666, 2846
QSR PART #	YASAKI PART #	*A*	*B*	COLOR	FOR CABLE O.D.	QSR MOLD #

THIS DRAWING AND/OR ELECTRONIC FILE, AND THE DESIGN HEREON, CONSTITUTES A PROPRIETARY DESIGN OF QUALITY SYNTHETIC RUBBER, INC. AND IS NOT TO BE DUPLICATED OR REPRODUCED

DATE	REV	RELEASED	JAS
DATE	REV	REVISION PROPOSED	DRAWN
QUALITY SYNTHETIC RUBBER, INC.			
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:		OPTIONAL WHEN REQ.	
DECIMALS	ANGLES	APPROVALS	DATE
1/16, 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 1	1/2, 1/4, 1/8, 1/16	J. SALAMON	5/13/02
DO NOT SCALE DRAWING		TOLERANCE	
COMPANY		SHEET	
A4011+		J. SALAMON	
CAGE CODE		TOLERANCE	
S-2 YASAKI/E1644		TOLERANCE	
PART NO. (FILL IN)		CUSTOMER'S PART NO. (FILL IN)	
NAME			
CABLE SEAL (1.5 TERMINAL SYSTEM)			
PART NUMBER			
E-1644-###			
MATERIAL			
SILICONE RUBBER - SEE NOTE 3			
MOLD NUMBER			
SEE TABLE			
SCALE	SIZE	DRAWING NUMBER	SHEET
10:1	A2	A-0055	1 OF 1

34753-0003	E-1644-02
34753-0002	E-1644-01
34753-0001	E-1644-00
MOLEX P/N	QSR P/N

ENTER DESCRIPTION EC NO: DRWN: DGRIFITHS 2008/07/31 CHKD: MVANSLAMBROU APPR: REV A	DESCRIPTION REV A	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY DGRIFITHS	DATE 07-31-08	CABLE SEAL (1.5 TERMINAL SYSTEM) CHARTED				
			4 PLACES	± ---	± ---	CHECKED BY MVANSLAMBROU					DATE 07-31-08
			3 PLACES	± ---	± ---	APPROVED BY KOSHY	DATE 07-31-08	MOLEX INCORPORATED			
			2 PLACES	± 0.10	± ---	MATERIAL NO. SEE TABLE					
1 PLACE	± 0.2	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				