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SHEET NO.	SHEET DESCRIPTION
1	NOTES
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3	BOM AND OUTER DIMENSIONS
4	INTERFACE

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

a. APPLICATION SPECIFICATION SEE: 1480327001

- CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.
- DESIGNED TO MATE WITH DEVICE CONNECTOR AS SPECIFIED IN THE MATING INTERFACE/CONNECTOR DRAWINGS CHART.
- ASSEMBLY SHIPPED WITH PLR IN PRE-LOCK POSITION
- FOR 1.5MM RECEPTACLE TERMINAL TO BE USED WITH THIS ASSEMBLY SEE MOLEX DRAWING RSD-33012-002 AND YAZAKI DRAWING 7116-4100-02:R.
- ASSEMBLY CONFORM TO GMW3191 2012 WITH THE FOLLOWING EXCEPTION: CONNECTOR LOCK MECHANICAL OVERSTRESS VERTICAL DIRECTION:80N MIN.

b. PRODUCT SPECIFICATION SEE:1480327002

- 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: PK148032-001

d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: QEHS-699000-301

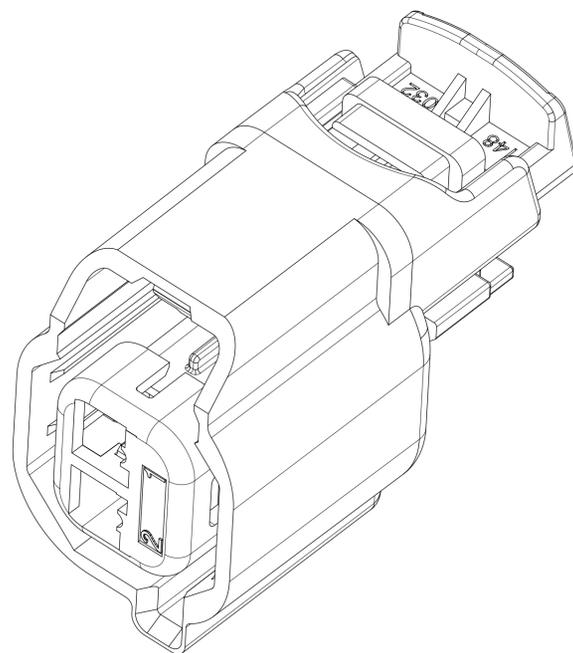
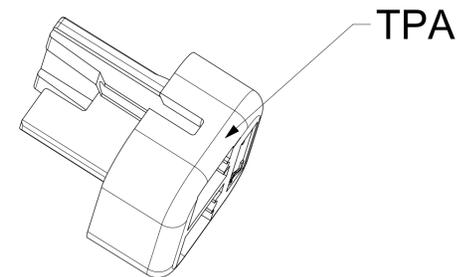
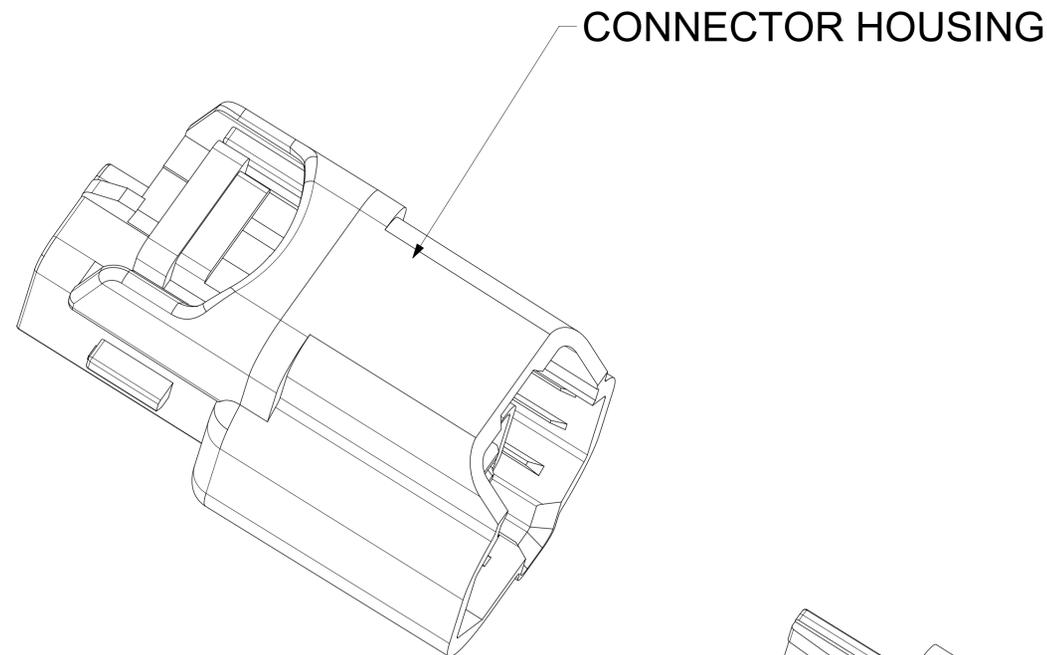
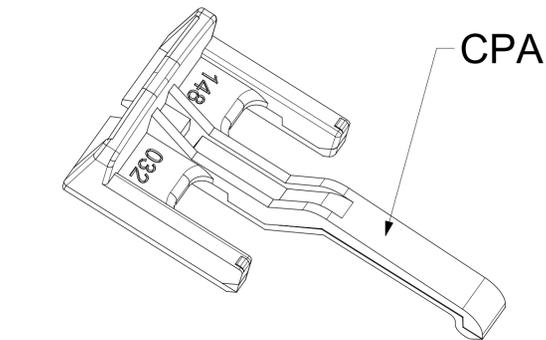
e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)

2. DESIGN - MATERIALS:

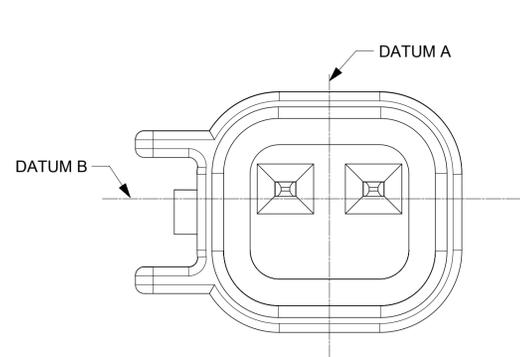
a. FOR BILL OF MATERIALS SEE BOM TABLE

3. DESIGN - GEOMETRY:

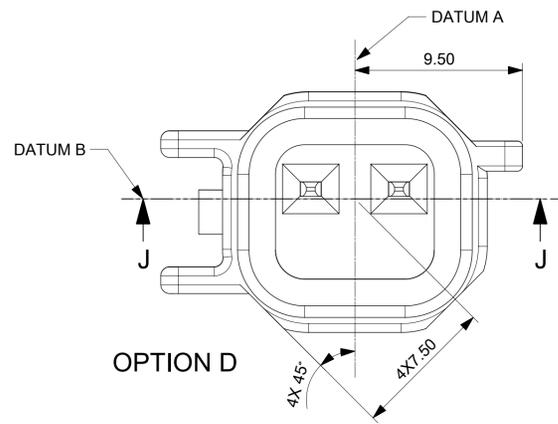
- a. THE 3-D CAD DATA IS BASIC (WITHOUT TOLERANCE) AND MASTER FOR THIS PART WITH THE EXCEPTION OF UNDERLINED DIMENSIONS. DIMENSIONAL INFORMATION NOT SHOWN ON THIS DRAWING IS DEFINED BY THE DATA FILE AT ITS LATEST REVISION.
- b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009
- c. EDGES AND UNDIMENSIONED 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).
- g. LASER MARKING:
 1. PART NUMBER
 2. DAY OF THE YEAR
 3. SHIFT
 4. YEAR



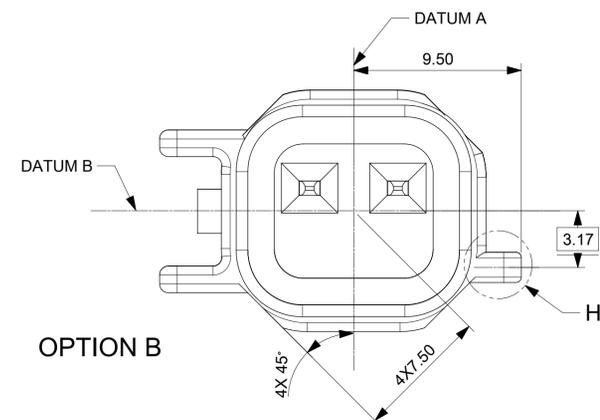
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
QUALITY SYMBOLS FA = 0 FE = 0 FE = 0 ▼ = 0 C = 0 ☒ = 0 ■ = 0 ∇ = 0	EC NO: 110742 DRWN: XBTANG CHKD: JDENG02 APPR: JDENG02	2016/11/23 2016/12/21	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE	 GM2W UNSEAL SPEAKER ASSEMBLY SALES DRAWING CUSTOMER DRAWING				
					MM	5:1					
			ANGULAR TOL ± 3.0 °		DRWN BY	DATE					
			4 PLACES ±		XBTANG	2016/08/22					
3 PLACES ±		CHK'D BY	DATE	SERIES: 148032 MATERIAL NUMBER: SEE BOM CUSTOMER: GENERAL MARKET DOCUMENT NUMBER: 1480324100 DOC TYPE: CD DOC PART: 000 SHEET NUMBER: 1 OF 4							
2 PLACES ± 0.1		XBTANG	2016/09/20								
1 PLACE ± 0.3		APPR BY	DATE								
0 PLACES ±		JDENG02	2016/09/26								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE	THIRD ANGLE PROJECTION								
		A1									



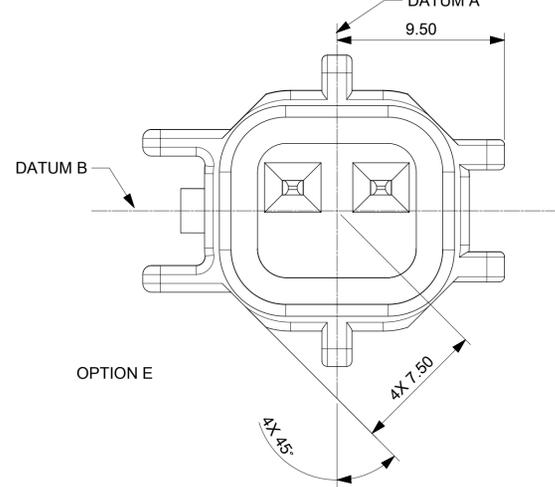
OPTION A



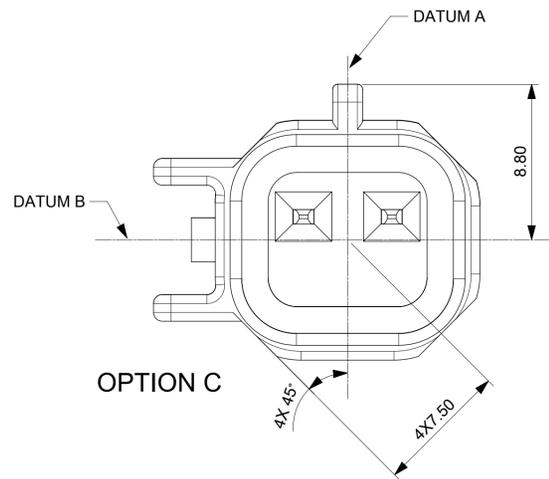
OPTION D



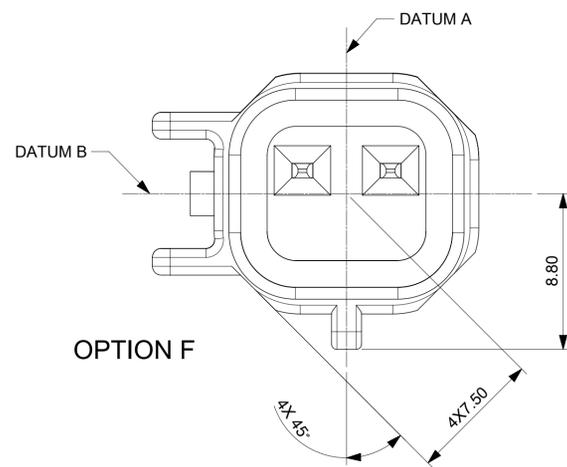
OPTION B



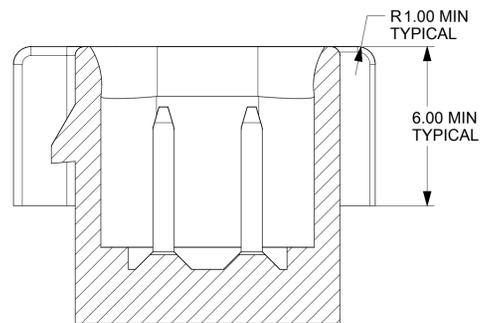
OPTION E



OPTION C

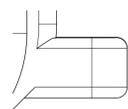


OPTION F

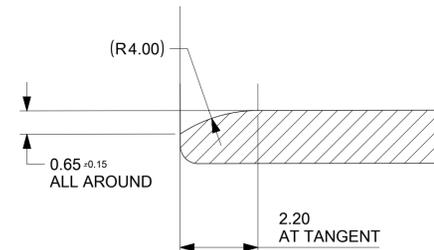


SECTION J-J

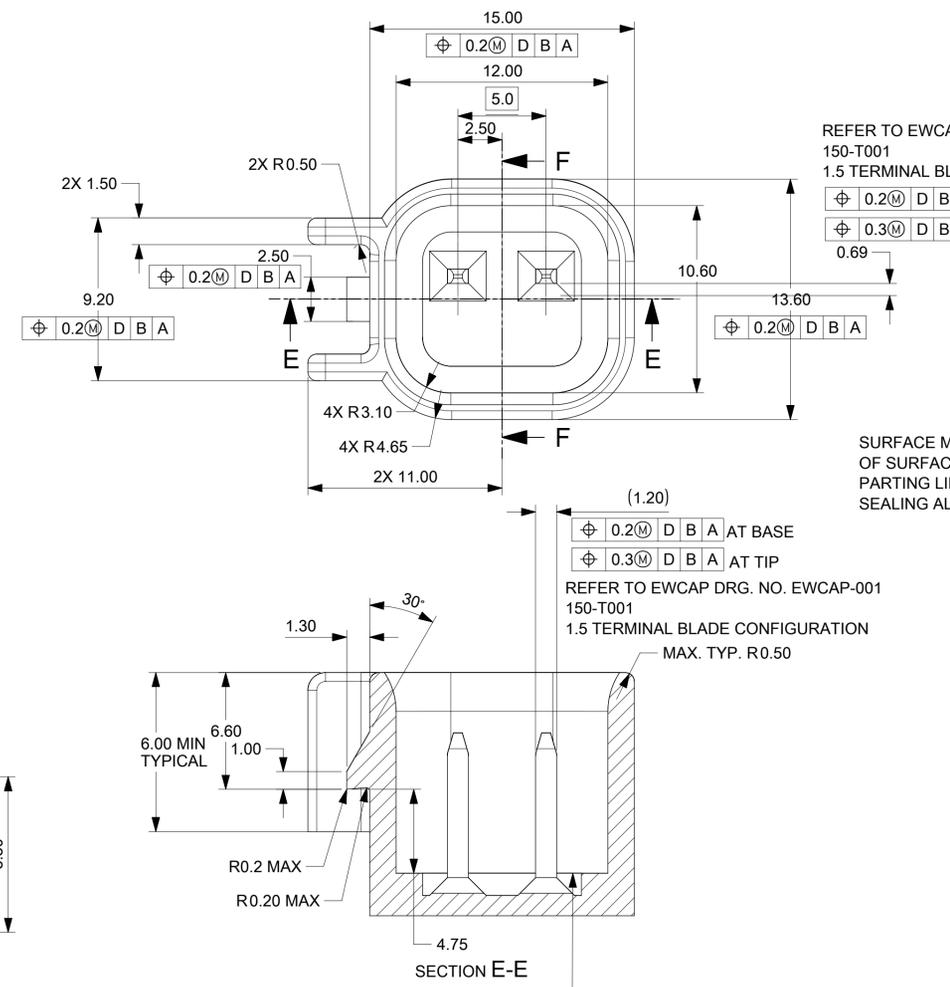
SEE KEYING OPTION VIEWS FOR POSITIONS



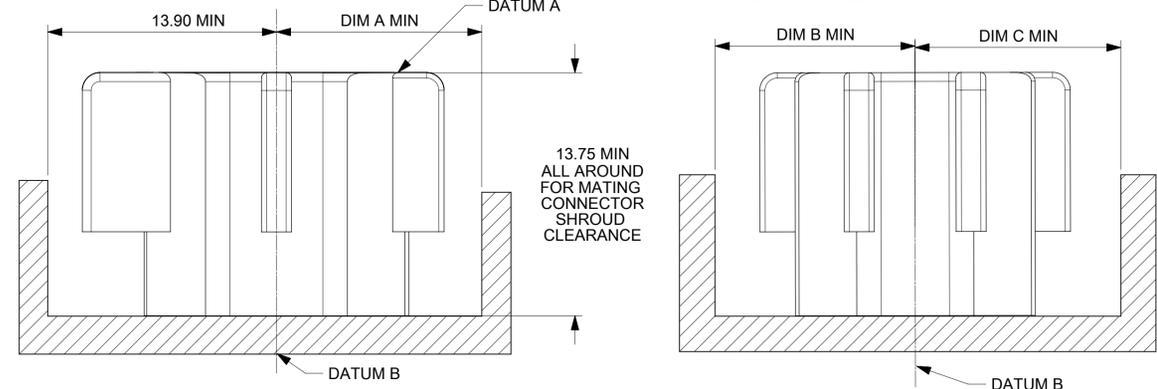
DETAIL H
SCALE 10:1
TYPICAL
SEE KEYING OPTION VIEWS FOR POSITIONS



DETAIL G
SCALE 10:1



PACKAGING FRAME



KEY OPTION	DIMENSIONS		
	DIM A	DIM B	DIM C
A	9.90	9.20	9.20
B	11.80	9.20	9.20
C	9.90	9.20	11.00
D	11.80	9.20	9.20
E	11.80	11.00	11.00
F	9.90	11.00	9.20

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

REFER TO EWCAP DRG. NO. EWCAP-001 150-T001 1.5 TERMINAL BLADE CONFIGURATION

Ø 0.2 @ D B A AT BASE
Ø 0.3 @ D B A AT TIP

SURFACE MUST BE FREE OF SURFACE DEFECTS AND PARTING LINES FOR SEALING ALL AROUND

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.
- 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 ENSURE THAT THE CONNECTOR-HEADER POLARIZATION FEATURES (OPTIONS A THRU H) 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.

<p>QUALITY SYMBOLS</p> <p>▽ = 0</p>		<p>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</p>		<p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p> <p>ANGULAR TOL ± 3.0 °</p> <p>4 PLACES ±</p> <p>3 PLACES ±</p> <p>2 PLACES ± 0.1</p> <p>1 PLACE ± 0.3</p> <p>0 PLACES ±</p>		<p>DIMENSION UNITS</p> <p>MM</p>		<p>SCALE</p> <p>5:1</p>		<p>DRWN BY</p> <p>XBTANG</p>		<p>DATE</p> <p>2016/08/22</p>		<p>CHK'D BY</p> <p>XBTANG</p>		<p>DATE</p> <p>2016/09/20</p>		<p>APPR BY</p> <p>JDENG02</p>		<p>DATE</p> <p>2016/09/26</p>		<p>SERIES</p> <p>148032</p>		<p>MATERIAL NUMBER</p> <p>SEE BOM</p>		<p>CUSTOMER</p> <p>GENERAL MARKET</p>	
<p>EC NO: 110742</p> <p>DRWN: XBTANG</p> <p>CHK'D: JDENG02</p> <p>REV APPR:</p>		<p>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</p>		<p>DRAWING SIZE</p> <p>A1</p>		<p>THIRD ANGLE PROJECTION</p>		<p>DOCUMENT NUMBER</p> <p>1480324100</p>		<p>DOC TYPE</p> <p>CD</p>		<p>DOC PART</p> <p>000</p>		<p>SHEET NUMBER</p> <p>4 OF 4</p>		<p>CUSTOMER DRAWING</p>		<p>GM2W UNSEAL SPEAKER ASSEMBLY SALES DRAWING</p>									



GM2W UNSEAL SPEAKER ASSEMBLY SALES DRAWING

CUSTOMER DRAWING

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

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<http://moschip.ru/get-element>

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В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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