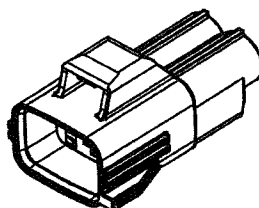


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13510029
SCALE 1/1

NOTES:

- CONNECTOR CLASSIFICATION: USCAR-2, REV 6, FEBRUARY 2013 (TC3/VC2/SC2/MF2)
- CONNECTOR-CONNECTOR MATING FORCE: (36N MAX)
- TERMINAL CAVITY: 6.3mm YESC SEALED
- TERMINALS VALIDATED FOR THIS CONNECTOR: YAZAKI YESC 6.3
- FOR TERMINAL CAVITY COMPATIBILITY REFERENCE CG-2740
- MATING PART NUMBER: SEE TABLE ON PAGE 3
- MAX WIRE OD: 4.30mm
MIN WIRE OD: 1.40mm
- PART TO COMPLY WITH YPES-31-038 REQUIREMENTS.



DO NOT SCALE

METRIC
DIMENSIONS SHOWN IN
MILLIMETERS UNLESS
OTHERWISE SPECIFIED

SUPPLIER NAME



DRAWING NAME

2P 6.3 YESC SEALED MALE CONNECTOR SUB-ASSEMBLY

GM DRE NAME

GAVRIL CRET

1/8/2016

DATE

15JU15

DRAFTER

N. MYERS

APVD1

JUSTIN
GERWATOWSKI

Digitally signed by Justin Gerwatowski on 2016.01.07 09:34:05 -0500

APVD2

APVD3

APVD4

APVD5



PAGE TITLE

TITLE BLOCK/
CONNECTOR SPECIFICATIONS

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13510029

DRAWING STATUS

ST

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1 OF 8

1

2

3

4

PAGE	DRAWING STATUS					REVISION HISTORY	AUTH	DR	CK	ENG
	DATE	ST	REV	CHG	PDI					
1-8	28MY15		001			INITIAL RELEASE EWO: 2270994	M. MEARING	JG		NM

NOTES:

- 1. CLIP SLOT DRAWING PART NUMBER: N/A
- 2. HANDLING MANUAL NUMBER: YPES-15-300
- 3. PRODUCT SPECIFICATION NUMBER: N/A
- 4. CONNECTOR SHIPPED WITH TPA IN PRE-SET CONDITION
- 5. DRESS COVER PART NUMBER: N/A



PAGE TITLE
REVISION BLOCK AND GENERAL NOTES

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ST	REV	PDI
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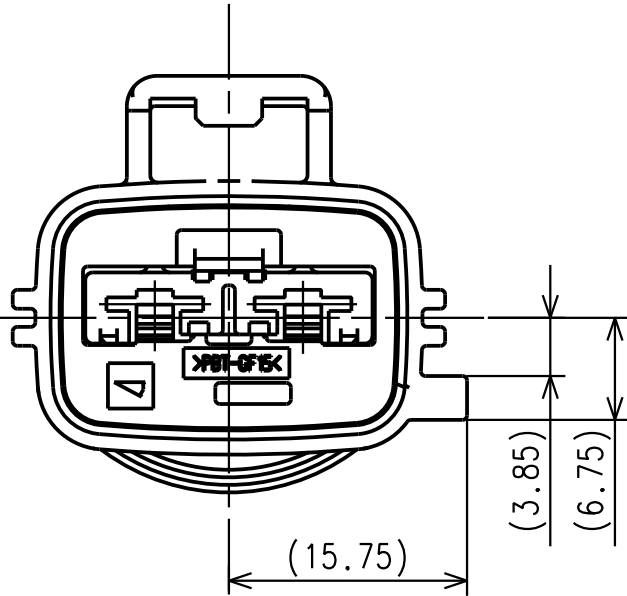
1

2

3

4

1		2			3	4
#	SUPPLIER PART NUMBER	GM PART NUMBER	KEYWAY	COLOR	MATING SUPPLIER PART NUMBER	GM MATING PART NUMBER
1	7286-9860-10	13510029	A	DARK GRAY	7287-6196-10 7297-6197-10	13596768 13587878
2						
3						
4						



KEYWAY A

	PAGE TITLE ASSEMBLY DIAGRAM / KEYING TABLE	DRAWING NUMBER 13510029	DRAWING STATUS			PAGE NUMBER 3 of 8
			ST	REV	PDI	
				001		

SCALE 2/1

1

2

3

4

PARTS SHOWN ON DRAWING

DWG ITEM	SUPPLIER PART NUMBER	GM PART NUMBER	KEYWAY	COLOR	DESCRIPTION	MASS (g)	PART NAME	NOTES
1	7286-9860-10	13510029	A	DARK GRAY	WITH TPA	(11.79)	2P 6.3 YESC SEALED MALE CONNECTOR SUB-ASSEMBLY	
2								
3								
4								
5								
6								



PAGE TITLE

PART BLOCK

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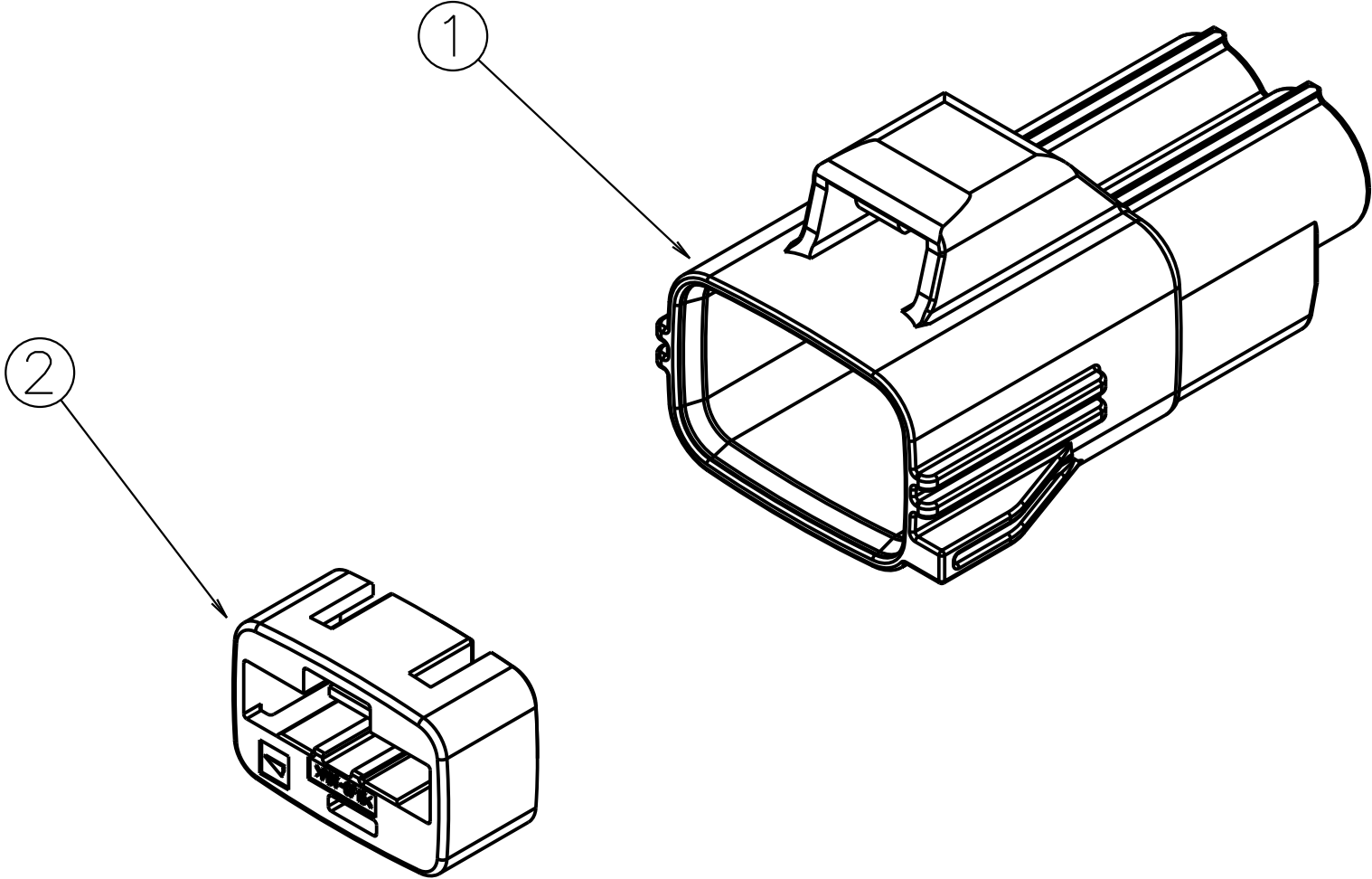
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4

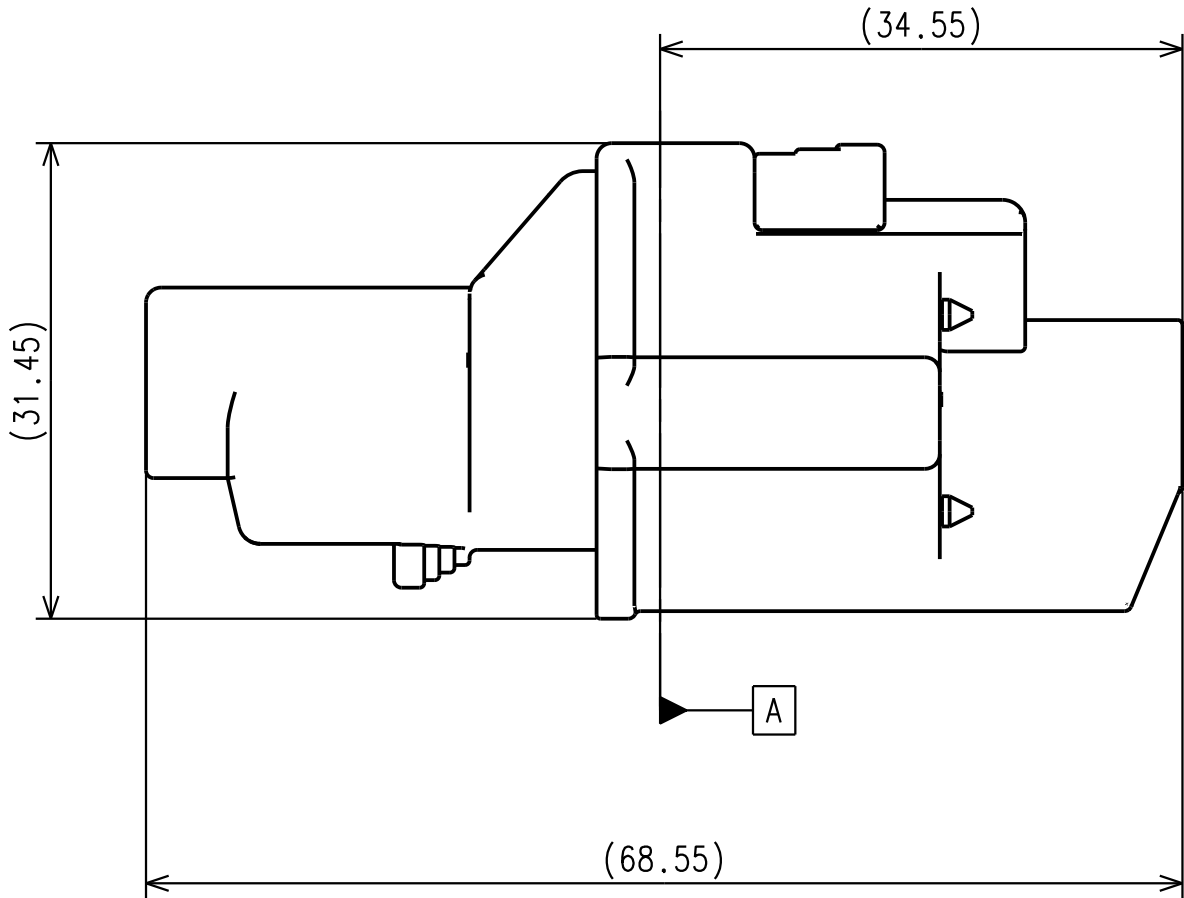
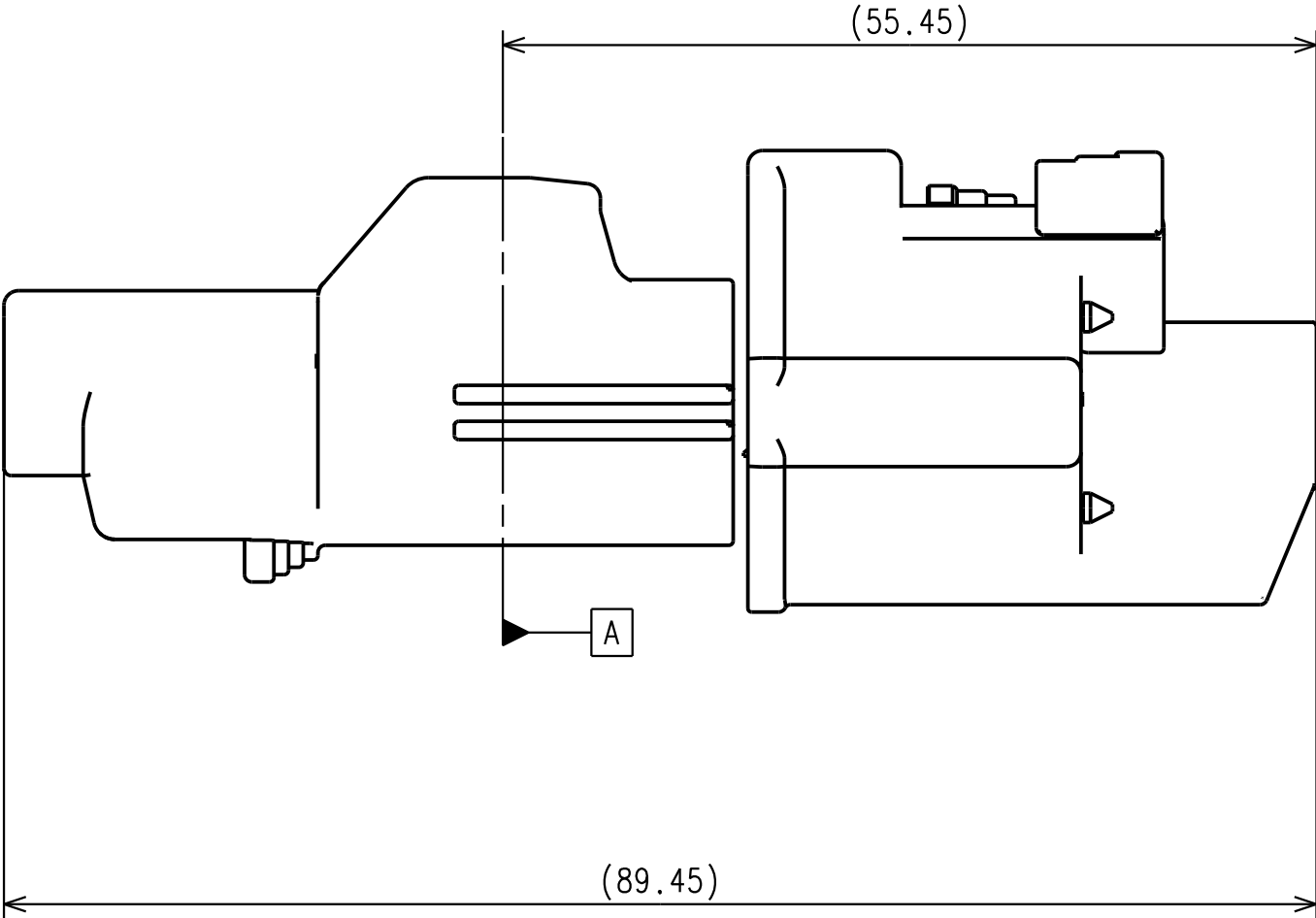
1		2		3	4
NO.	PART TYPE	MATERIAL	COLOR		
①	HOUSING	>PBT-GF15<	DARK GRAY		
②	TERMIAL POSITION ASSURANCE	>PBT-GF15<	NATURAL		
③					
④					



1		PAGE TITLE EXPLODED VIEW/ COMPONENT MATERIAL SPECIFICATIONS	2	DRAWING NUMBER 13510029	DRAWING STATUS			PAGE NUMBER 5 of 8
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						001		

SCALE 1/1

NOTES:
1. DATUM A REPRESENTS THE PART SURFACE THAT WILL BOTTOM OUT FIRST DURING MATING.



CONNECTOR ASSEMBLY IN FULLY MATED POSITION

SCALE 2/1

	PAGE TITLE DATUM LOCATIONS / FEATURE CONTROL VIEWS	DRAWING NUMBER 13510029	DRAWING STATUS			PAGE NUMBER 6 of 8
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				001		

1

2

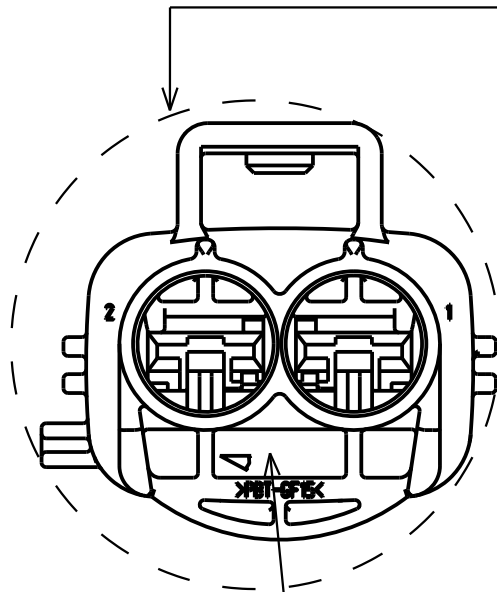
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4

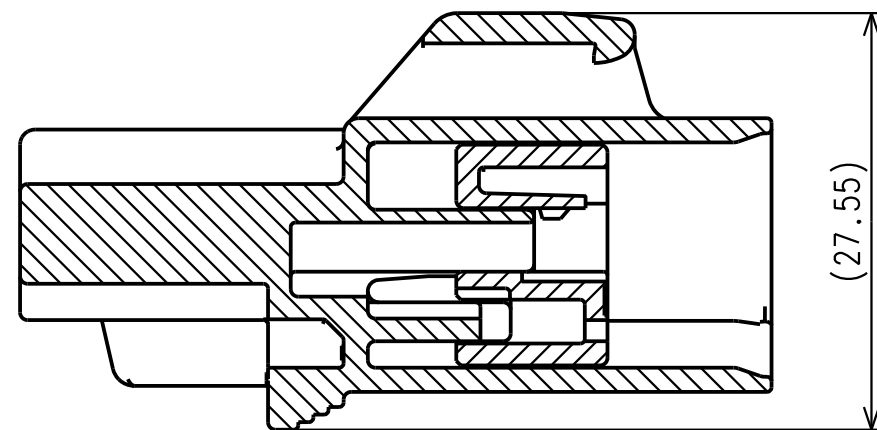
B

B

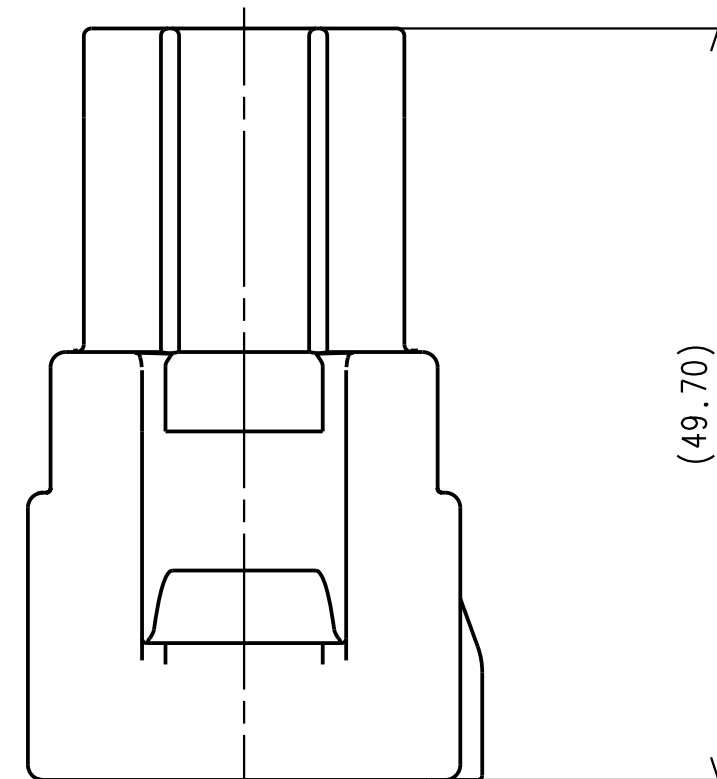
(Ø34.0) MIN PASS THROUGH
WITH NO CLEARANCE



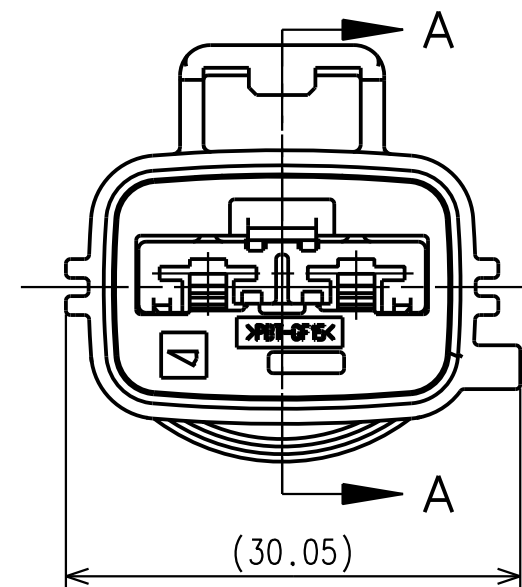
TOOL CAVITY AND MOLDING NO.



(27.55)



(49.70)



(30.05)

SCALE 1/1



PAGE TITLE

CONNECTOR DIMENSIONS

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1

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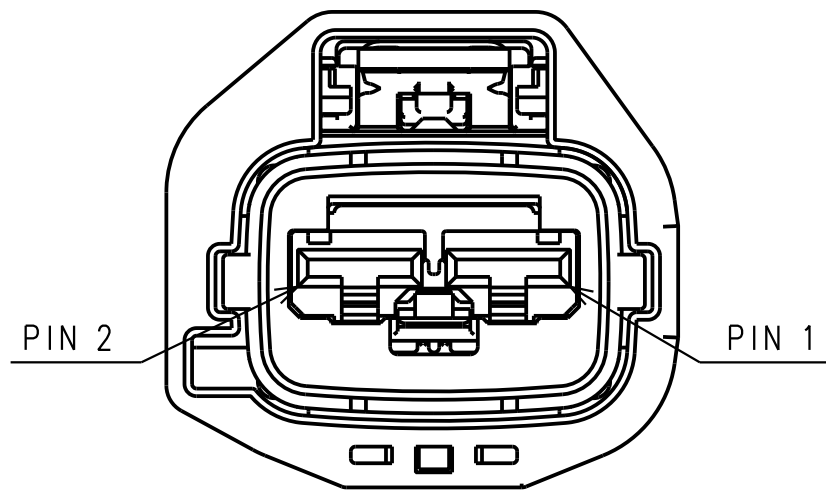
3

4

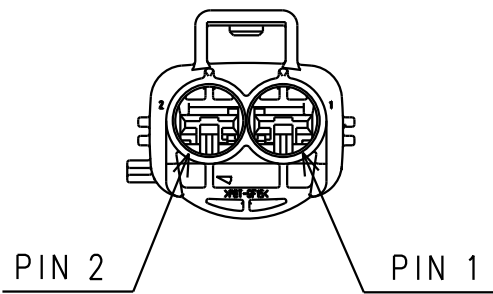
A

A

MATING INTERFACE PINOUT
LOOKING AT FRONT OF MATING FEMALE



CONNECTOR PINOUT LOOKING
AT WIRE INSERTION SIDE
(1/1)



SCALE 2/1



PAGE TITLE

INTERFACE AND PINOUT

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PDI

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