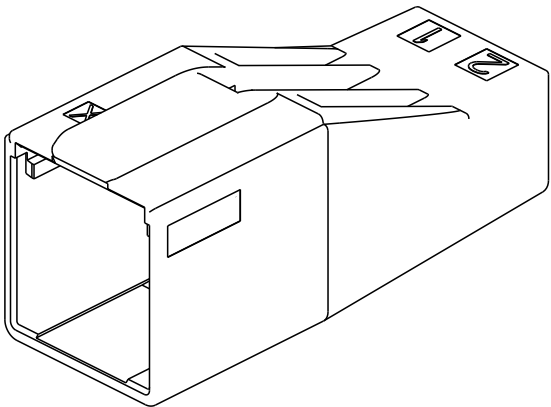
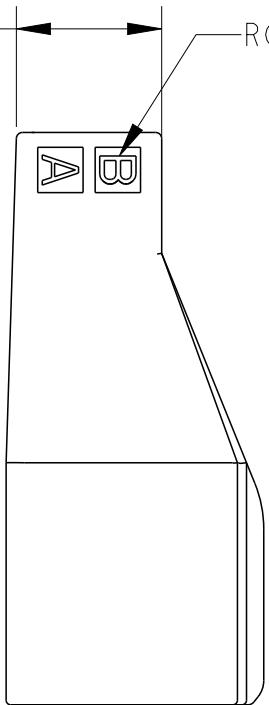


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POLYESTER(94V-0),
COLOR:SEE TABLE
CONTAMINATION Ø1.2 MAX
2.INSTRUCTION SHEET:408-78197
3.CIRCUIT NUMBER IS CONSISTED ROW ID
AND CIRCUIT ID
EX: A1,A2,B1,B2
REFER TO SHEET 5

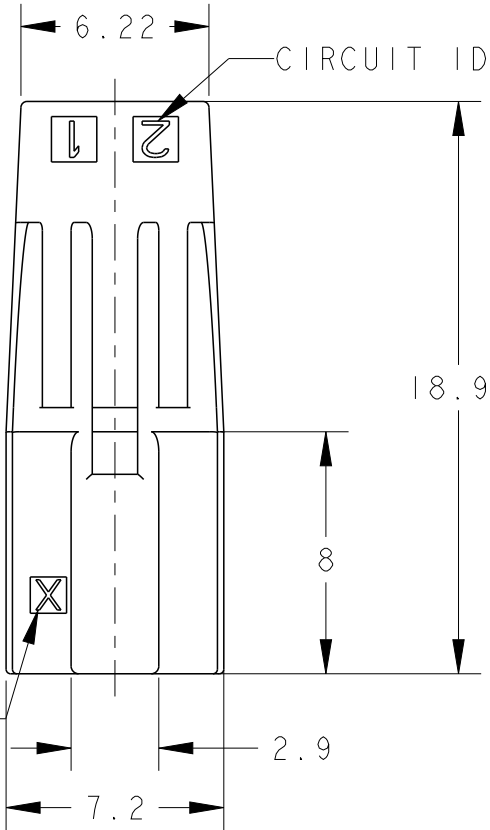
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	B	REVISED	17JUN2021	Y.O	T.S
	C	REVISED	13JAN2022	Y.O	T.S



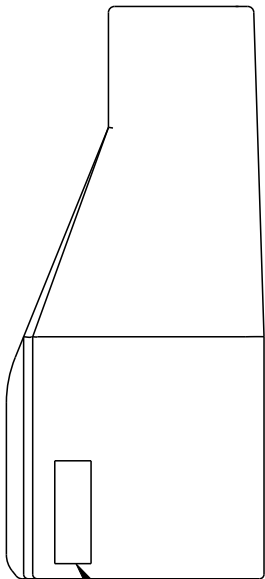
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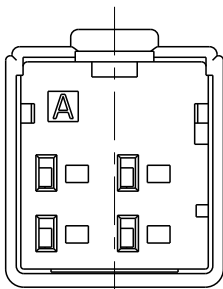
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KEYING MARK

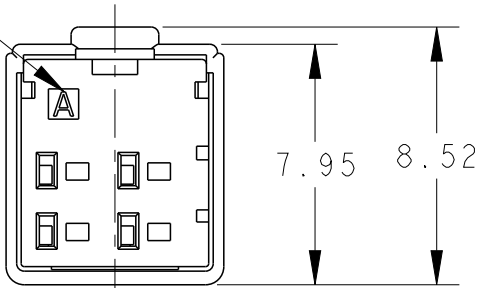


COMPANY LOGO



2-2366600-4
Y KEY 4POSN

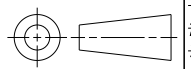
CAVITY MARK



1-2366600-4
X KEY 4POSN

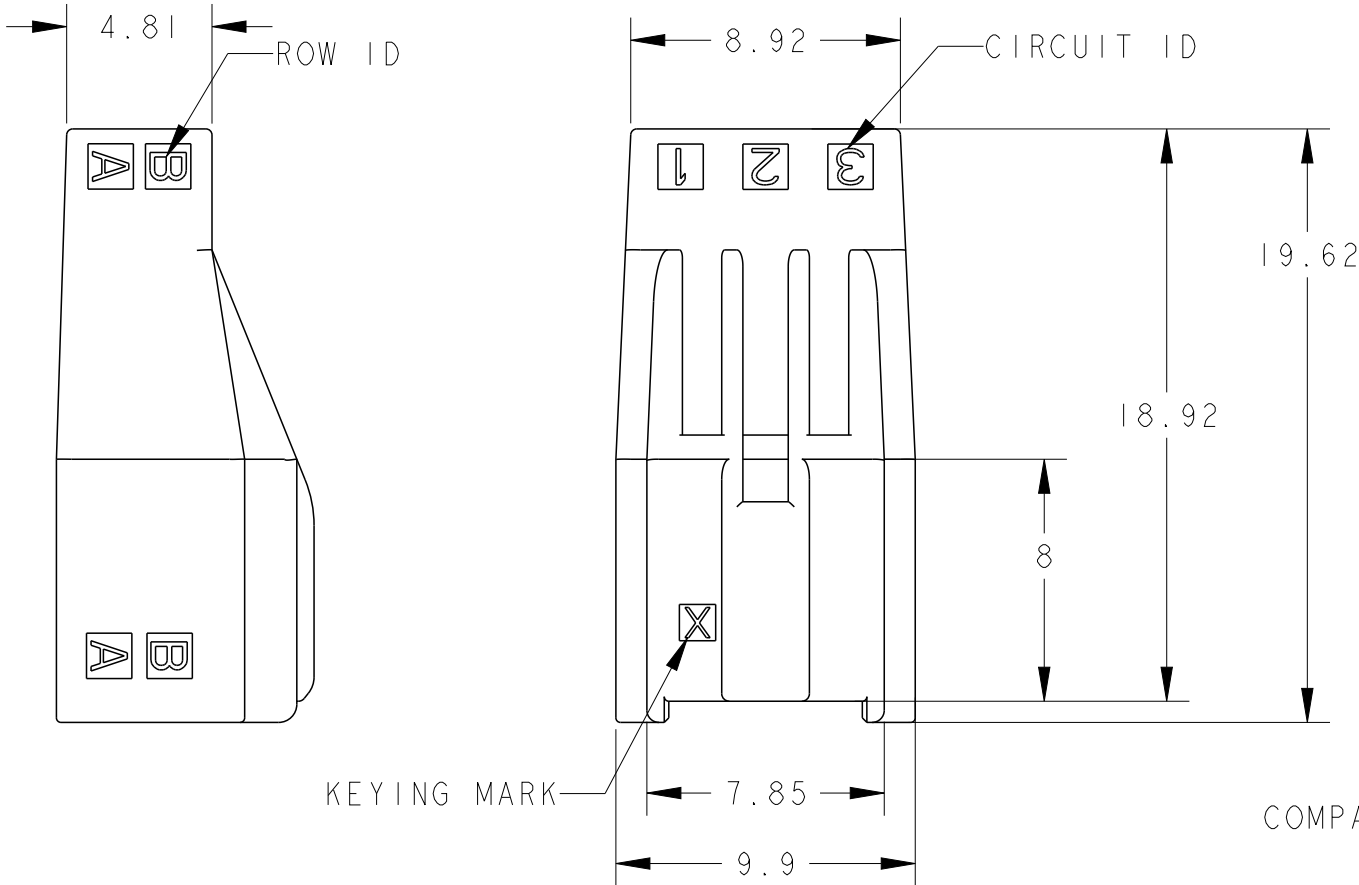
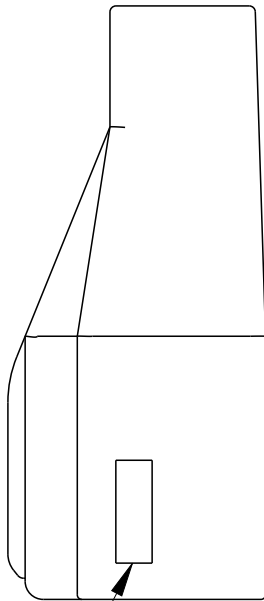
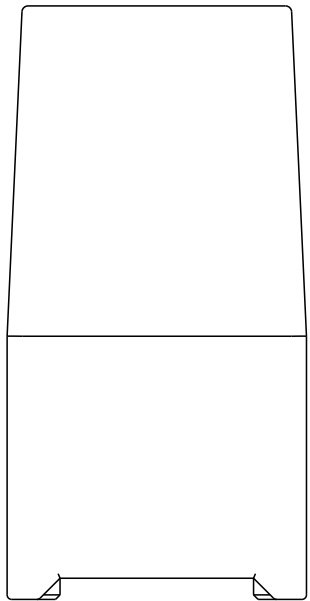
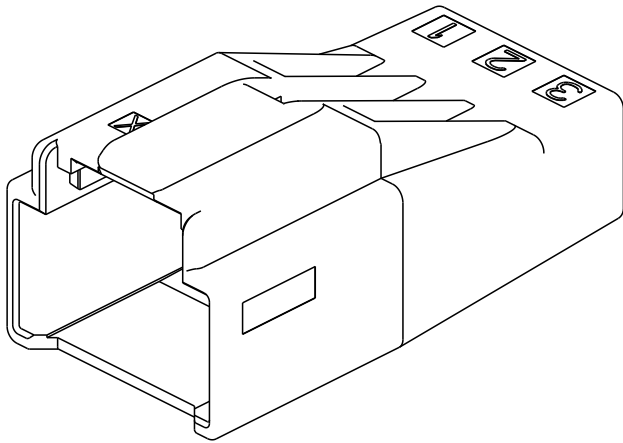
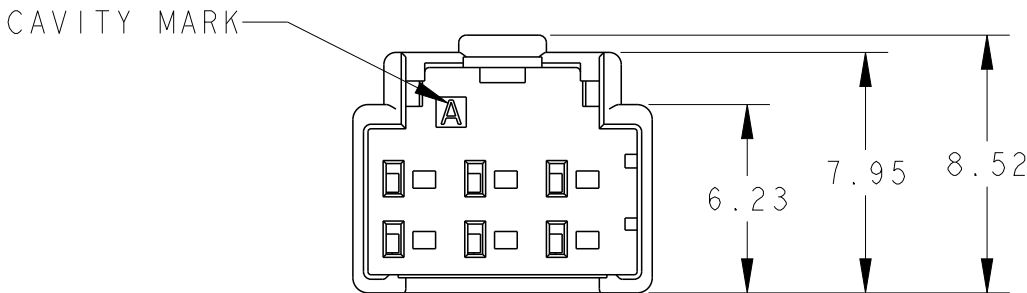
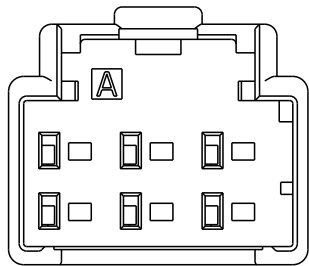
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	X		7-2366600-2
NATURAL	Y	12	6-2366600-2
	X		5-2366600-2
BLACK	Y	12	4-2366600-2
	X		3-2366600-2
BLUE	Y	8	8-2366600-8
	X		7-2366600-8
NATURAL	Y	8	6-2366600-8
	X		5-2366600-8
BLACK	Y	8	2-2366600-8
	X		1-2366600-8
BLUE	Y	6	8-2366600-6
	X		7-2366600-6
NATURAL	Y	6	6-2366600-6
	X		5-2366600-6
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	X		1-2366600-6
BLUE	Y	4	8-2366600-4
	X		7-2366600-4
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	X		5-2366600-4
BLACK	Y	4	2-2366600-4
	X		1-2366600-4
COLOR	KEYING	POSN	PART NUMBER

勝特力電材超市-龍山店 886-3-5773766
勝特力電材超市-光復店 886-3-5729570
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787
<http://www.100y.com.tw>

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN Y.OKADA 12MAY2020	 TE Connectivity		
DIMENSIONS: mm		CHK T.SHIMOYASU 12MAY2020			
		APVD E.IKEMATSU 12MAY2020	NAME TAB HOUSING, D1000 SLIM, DYNAMIC		
TOLERANCES UNLESS OTHERWISE SPECIFIED: ±0.5, ±3°		PRODUCT SPEC 108-140257	SIZE A3		
0-PLC ± 1-PLC ±0.5 2-PLC ±0.13 3-PLC ±0.013 4-PLC ±0.0001 ANGLES ±		APPLICATION SPEC -	CAGE CODE 00779		
MATERIAL SEE NOTE		WEIGHT -	DRAWING NO C-2366600		
FINISH -		CUSTOMER DRAWING	RESTRICTED TO -		
			SCALE 4:1		
			SHEET 1 OF 5		
			REV C		

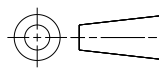
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
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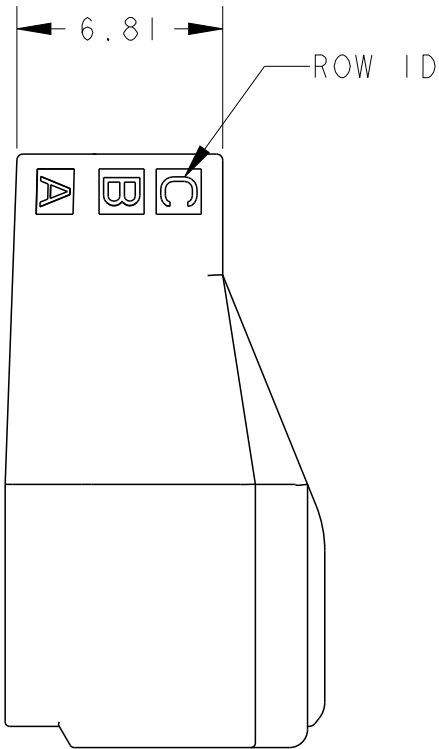
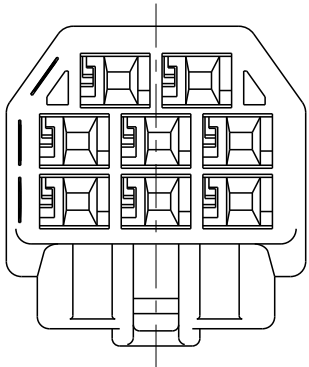
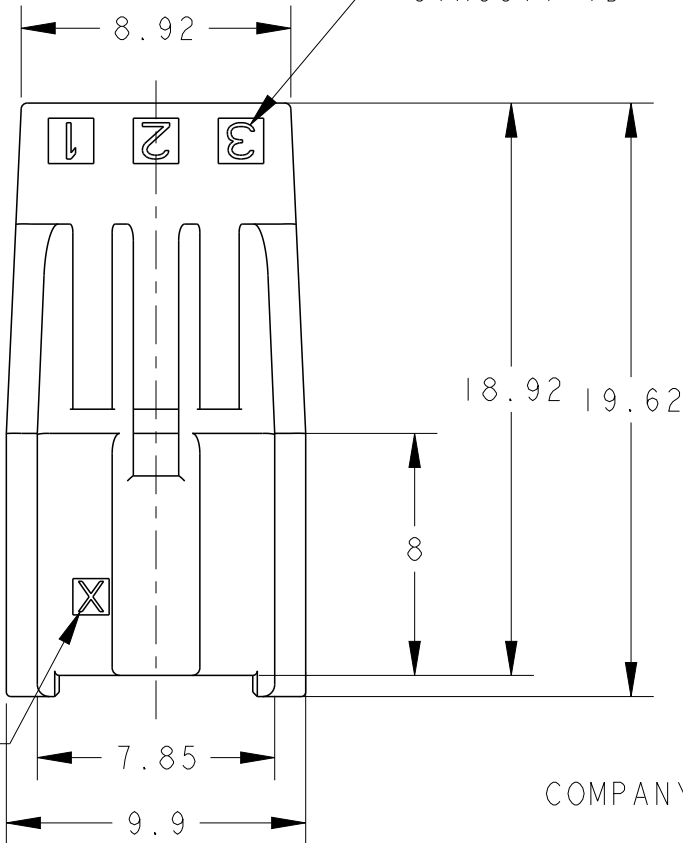
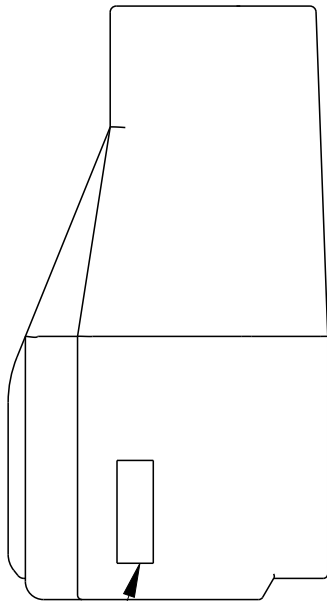
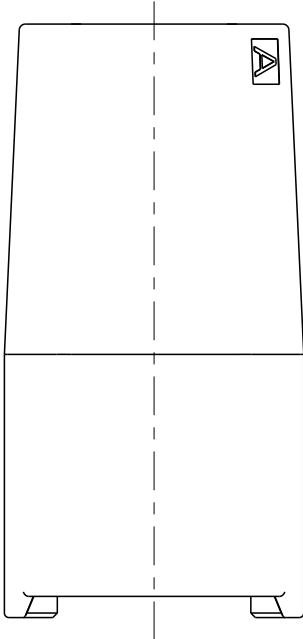
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Y KEY 6POSN

1-2366600-6
X KEY 6POSN

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DIMENSIONS: mm		CHK T. SHIMOYASU 12MAY2020			
		APVD E. IKEMATSU 12MAY2020	NAME TAB HOUSING, DI000 SLIM, DYNAMIC		
		PRODUCT SPEC 108-140257	-		
MATERIAL SEE NOTE		APPLICATION SPEC -	SIZE A3	CAGE CODE 00779	DRAWING NO C-2366600
FINISH -		WEIGHT -	RESTRICTED TO -		
		CUSTOMER DRAWING	SCALE 4:1	SHEET 2 OF 5	REV C

REVISIONS

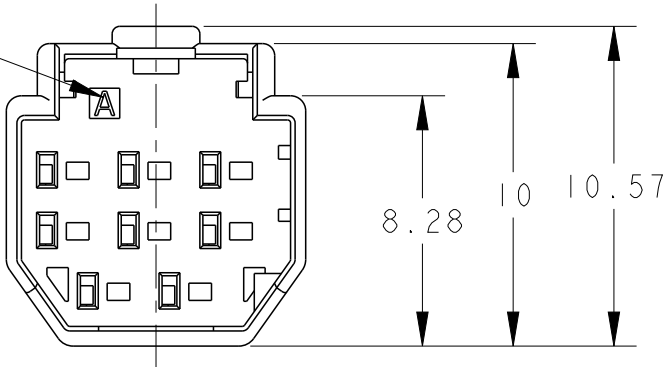
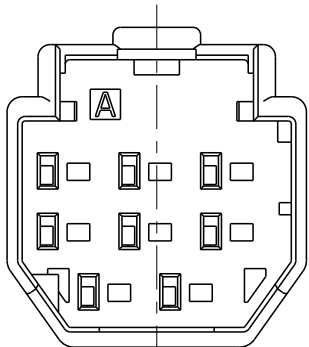
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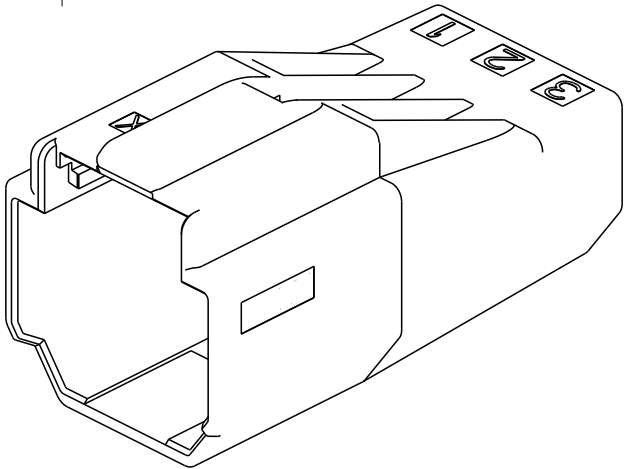
KEYING MARK

COMPANY LOGO

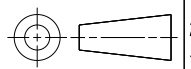
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2-2366600-8
Y KEY 8POSN



1-2366600-8
X KEY 8POSN

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		APVD E. IKEMATSU 12MAY2020	NAME TAB HOUSING, DI000 SLIM, DYNAMIC		
		PRODUCT SPEC 108-140257	-		
MATERIAL SEE NOTE		APPLICATION SPEC -	SIZE A3	CAGE CODE 00779	DRAWING NO C-2366600
		WEIGHT -	RESTRICTED TO -		
		CUSTOMER DRAWING	SCALE 4:1	SHEET 3 OF 5	REV C

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

8.82

ROW ID

11.66

CIRCUIT ID

19.72

20.92

8.8

7.85

12.6

KEYING MARK

CAVITY MARK

12

9.93

12.57

3-2366600-2
X KEY 12POSN

4-2366600-2
Y KEY 12POSN

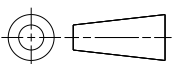
COMPANY LOGO

SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm



MATERIAL
SEE NOTE

TOLERANCES UNLESS
OTHERWISE SPECIFIED:
±0.5, ±3°

0 PLC ±
1 PLC ±0.5
2 PLC ±0.13
3 PLC ±0.013
4 PLC ±0.0001
ANGLES ±°

FINISH

-

DWN Y. OKADA 12MAY2020

CHK T. SHIMOYASU 12MAY2020

APVD E. IKEMATSU 12MAY2020

PRODUCT SPEC

108-140257

APPLICATION SPEC

WEIGHT

-

CUSTOMER DRAWING



TE Connectivity

NAME

TAB HOUSING,
D1000 SLIM, DYNAMIC

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

C-2366600

-

SCALE

4:1

SHEET

4

OF

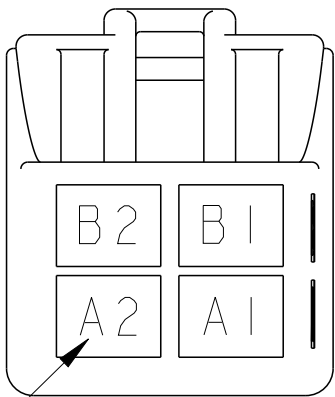
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REV

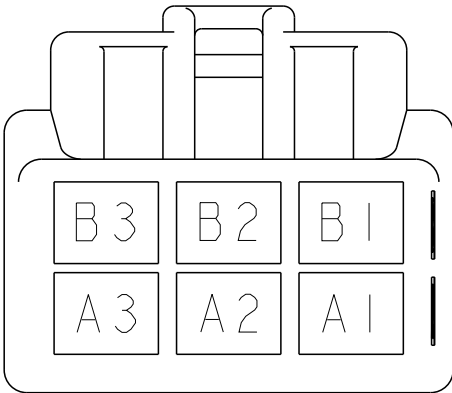
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REVISIONS

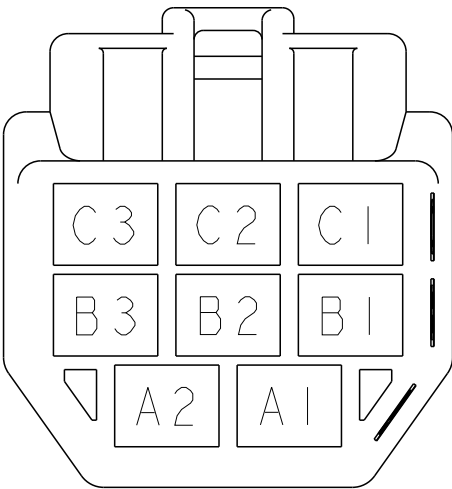
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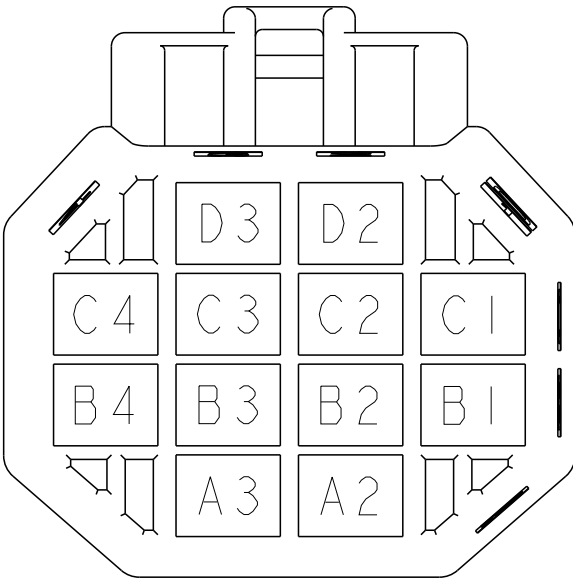
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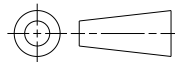
6POSN



8POSN



12POSN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN Y. OKADA 12MAY2020	<div></div> TE Connectivity				
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: ±0.5, ±3°	CHK T. SHIMOYASU 12MAY2020					
		APVD E. IKEMATSU 12MAY2020					
		PRODUCT SPEC 108-140257	NAME TAB HOUSING, DI000 SLIM, DYNAMIC -				
		APPLICATION SPEC -					
		WEIGHT -					
		CUSTOMER DRAWING					
MATERIAL SEE NOTE -	FINISH - -	SIZE A3		CAGE CODE 00779	DRAWING NO C-2366600	RESTRICTED TO -	
				SCALE 6:1	SHEET 5 OF 5	REV C	



DYNAMIC D1000 Slim Connector

1. INTRODUCTION

1.1 Purpose

This document provides the qualification summary of Dynamic D1000 Slim Connector.

1.2 Scope

This specification covers the electrical, mechanical, and environmental performance of Dynamic D1000 Slim Connector.

1.3 Conclusion

Based on the test results, all meet the requirements according to Product Specification 108-140257 Rev.B.

1.4 Product Description

Name	Remarks
DYNAMIC D1000 Slim Connector Receptacle Housing	-
DYNAMIC D1000 Slim Connector Tab Housing	-
DYNAMIC D1000 Slim Connector Receptacle Contact	-
DYNAMIC D1000 Slim Connector Tab Contact	-

1.5 Test Samples

Samples were taken randomly from current production. The following samples were used

Product Part Number	Description
□-2366515-□	DYNAMIC D1000 SLIM REC HSG 4,6,8,12P X,Y KEY
□-2366600-□	DYNAMIC D1000 SLIM TAB HSG 4,6,8,12P X,Y KEY
□-2375948-□	DYNAMIC D1000 SLIM REC HSG 2,3,5,7,9P X,Y KEY
□-2375951-□	DYNAMIC D1000 SLIM TAB HSG 2,3,5,7,9P X,Y KEY
□-2423582-□	DYNAMIC D1000 SLIM REC HSG 18P X,Y KEY
□-2423584-□	DYNAMIC D1000 SLIM TAB HSG 18P X,Y KEY
□-2420333-□	DYNAMIC D1000 SLIM REC HSG 24P X,Y KEY
□-2420334-□	DYNAMIC D1000 SLIM TAB HSG 24P X,Y KEY
2367817-1	DYNAMIC D1000 SL REC CONTACT S Au0.2
2367819-1	DYNAMIC D1000 SL TAB CONTACT S Au0.2
2367817-2	DYNAMIC D1000 SL REC CONTACT M Au0.2
2367819-2	DYNAMIC D1000 SL TAB CONTACT M Au0.2

1.6 Qualification Test Sequence and Test result

Test Examination	Test Group											
	1	2	3	4	5	6	7	8	9	10	11	12
	Test Sequence (a)											
Examination of Product	1,3	1,6	1,9	1	1	1	1,5	1,9	1,9	1,5	1,5	1,5
Termination Resistance (Low Level)		2,5	3,8				2,4	2,8	2,8	2,4	2,4	2,4
Dielectric withstanding Voltage								4,7	4,7			
Insulation Resistance								3,6	3,6			
Temperature Rising	2											
Vibration		3										
Physical Shock		4										
Connector Mating Force			2,7									
Connector Unmating Force			4,6									
Durability			5									
Contact Insertion Force				2								
Contact Retention Force				3								
Crimp Tensile Strength					2							
Housing Locking Strength						2						
Thermal Shock							3					
Humidity-Temperature Cycling								5				
Humidity (Steady State)									5			
Industrial SO ₂ Gas										3		
Temperature Life											3	
Salt Spray												3

Figure 1



NOTE

(a) Numbers indicate sequence in which tests are performed.

2. TEST REQUIREMENTS AND PROCEDURES SUMMARY

Para	TEST DESCRIPTION	REQUIREMENT	PROCEDURE
2.1	Examination of Product	Meets requirements of product drawing and TE Specification 114-5377	Visual inspection No physical damage
ELECTRICAL			
2.2	Termination Resistance (Low Level)	30 mΩ Max.	Subject mated contacts assembled in housing to 20 mV Max open circuit at 10 mA Max closed circuit. Figure. 5. IEC 60512-2-2 Test 2b
2.3	Dielectric withstanding Voltage	No flashover or breakdown of voltage Current leakage:0.5mA Max.	Test voltage 1500V AC Duration 1minute. Test between adjacent circuits of mated connectors. IEC60512-4-1 Test 4a
2.4	Insulation Resistance	1000 MΩ Min. (Initial) 100 MΩ Min. (Final)	Test voltage 500V DC Time: 1minute Test between adjacent circuits of mated connectors. IEC 60512-3-1 Test 3a Method B
2.5	Temperature Rising	Temperature rising: specified value Max. Under loaded specified current. Refer Figure 1 and 2	Measure temperature rising by energized current. Figure. 1, Figure. 2 and Figure.5 IEC 60512-5-1 Test 5a
MECHANICAL			
2.6	Vibration Sinusoidal High Frequency	No electrical discontinuity greater than 1μs. Shall occur. Termination Resistance (Low Level)	Vibration Frequency:10~500Hz / 15 min. Amplitude : 1.52mm MAX Accelerated Velocity : 98 m/s ² Vibration Direction : X,Y,Z Duration : 3 h each Fixed position of cable:100mm IEC60512-6-4 Test 6d EIA 364-28 Test Condition 2
2.7	Physical Shock	No electrical discontinuity greater than 1 μs. Shall occur. Termination Resistance (Low Level)	Accelerated Velocity :490 m/s ² Waveform : Sin wave Duration : 11 m s Number of Drops : 3 drops each to normal and reversed directions of X, Y and Z axes, totally 18 drops. Fixed position of cable:100mm IEC60512-6-3 Test 6c
2.8	Connector Mating Force	(1.6×POSN) N Max.	Operation Speed : 20mm/min. Measure the force required to mate connectors. IEC 60512-13-1 Test 13a
2.9	Connector Unmating Force	(0.08N×POSN) Min.	Operation Speed : 20mm/min. Measure the force required to mate connectors. IEC 60512-13-1 Test 13a
2.10	Contact Insertion Force	9.8N Max. Per 1 contact	Measure the force required to insert contact into housing.

Para	TEST DESCRIPTION	REQUIREMENT			PROCEDURE
2.11	Contact Retention Force	14.7 N Min.			Apply an axial pull-off load to crimped wire. Operation Speed : 20 mm/min. Test 15a of IEC 60512-15-1
2.12	Crimp Tensile Strength	Wire Size		Crimp Tensile (min.)	Apply an axial pull-off load to crimped wire of contact secured on the tester, Operation Speed : 50 mm/min. IEC 60512-16-4. Test16d
		mm ²	(AWG)	N	
		0.05	#30	4.9	
		0.08	#28	9.8	
		0.12	#26	19.60	
		0.20	#24	29.40	
		0.30	#22	44.10	
2.13	Durability	Termination Resistance (Low Level).			Repeat Insertion／Extraction of connector assembly following times at 100mm/min operation speed. Number of cycles : 30 cycles IEC 60512-9-1 Test 9a
2.14	Housing Locking Strength	24.5 N Min.			Measure connector locking strength. Operation Speed : 100 mm/min. EIA 364-98
ENVIRONMENTAL					
2.15	Thermal Shock	Termination Resistance (Low Level)			Subject mated specimen to Ta=-55±2°C to Tb=+125±2°C, duration t1: 30min each extreme, 25 cycles IEC 60512-11-4 Test 11d (IEC 60068-2-14 Test Na)
2.16	Humidity-Temperature Cycling	Insulation resistance Dielectric Strength Termination resistance (Low Level)			Mated connector, 25~65°C, 80~95 % R. H. 10 cycles Cold shock — 10°C(not) performed The measurement is held after being left indoor for 3 hours.1cycle=24hours EIA 364-31 Method 4 IEC60068-2-30
2.17	Humidity, Steady State	Termination Resistance (Low Level)			Mated connector, 90-95 % R. H. 40 °C 96h MIL-STD-202 Method 103 Condition B
2.18	Industrial Gas (SO ₂)	Termination Resistance (Low Level)			Mated connector SO ₂ Gas : 10±3 ppm, 95% R. H. 25°C, 96h
2.19	Temperature Life (Heat Aging)	Termination Resistance (Low Level)			Subject mated specimen to +125°C Duration time:250h Test Bb IEC 60512-11-9 Test 11i (IEC 60068-2-2)
2.20	Salt Spray	Termination Resistance (Low Level)			Subject mated specimen to 5±1% salt spray Temperature : 35±2°C Duration time: 96h IEC 60512-11-6

Figure 2

3. SUMMARY OF TEST RESULTS:

Test Group	Test Item		Set	N	Unit	Results			Requirement	Judgement	
1	Initial examination of products		3	12	-	No physical damage			Meets requirements of product drawing	Passed	
	Temperature Rising		3	12	-	Refer to Figure.4			Temperature rising: specified value Max. Under loaded specified current.		
	Final examination of products		3	12	-	No physical damage			No damage likely to impair function		
2	Initial examination of products		4	4	-	No physical damage			Meets requirements of product drawing	Passed	
	Termination Resistance					MAX	MIN	AVE	30mΩ MAX		
		Initial	4	36	mΩ	3.12	2.31	2.71			
		Finish				3.13	2.44	2.73			
	Vibration		4	4	-	No electrical discontinuity greater than 1usec .			No damage likely to impair function No discontinuities greater than t>1μs		
	Physical Shock		4	4	-	No electrical discontinuity greater than 1usec .			No damage likely to impair function No discontinuities greater than t>1μs		
	Final examination of products		4	4	-	No physical damage			No damage likely to impair function		
3	Initial examination of products		12	12		No physical damage			Meets requirements of product drawing	Passed	
	Mating force						MAX	MIN	AVE		
		4POSN	Initial	3	3	N	3.15	2.75	2.95		6.4 MAX
			Finish				3.05	2.60	2.87		
		6POSN	Initial	3	3	N	4.60	4.45	4.52		9.6 MAX
			Finish				4.85	4.50	4.70		
		8POSN	Initial	3	3	N	5.85	5.55	5.67		12.8 MAX
			Finish				6.20	5.65	5.87		
		12POSN	Initial	3	3	N	8.70	8.40	8.55		19.2 MAX
			Finish				8.40	8.25	8.30		

Figure.3(Continue)

Test Group	Test Item			Set	N	Unit	Results			Requirement	Passed
3	Un- Mating force						MAX	MIN	AVE		
		4POSN	Initial	3	3	N	2.45	2.35	2.42	0.32 MIN	
			Finish				2.70	2.45	2.57		
		6POSN	Initial	3	3	N	4.65	3.75	4.23	0.48 MIN	
			Finish				4.25	3.50	3.88		
		8POSN	Initial	3	3	N	4.90	4.50	4.73	0.64 MIN	
			Finish				5.05	4.80	4.95		
		12POSN	Initial	3	3	N	7.60	6.75	7.18	0.96 MIN	
			Finish				7.40	6.00	6.77		
		Termination Resistance						MAX	MIN	AVE	
	4POSN		Initial	3	12	mΩ	2.67	2.19	2.36	30mΩ MAX	
			Finish				2.87	2.16	2.50		
	6POSN		Initial	3	18	mΩ	2.57	2.09	2.34		
			Finish				3.06	2.37	2.64		
	8POSN		Initial	3	24	mΩ	2.68	2.04	2.36		
			Finish				3.03	2.12	2.52		
	12POSN		Initial	3	36	mΩ	2.80	2.14	2.43		
			Finish				2.97	2.15	2.52		
	Final examination of products				12	12	-	No physical damage			No damage likely to impair function
4	Initial examination of products			16	16	-	No physical damage				Meets requirements of product drawing
	Contact Insertion Force						MAX	MIN	AVE		
		4POSN	8	32	N	0.97	0.40	0.73	9.8 Max		
		6POSN	8	48	N	1.48	0.48	0.83			
		8POSN	8	64	N	1.34	0.53	0.87			
		12POSN	8	96	N	1.41	0.41	0.69			
	Contact Retention Force						MAX	MIN	AVE		
		4POSN	8	32	N	31.3	24.6	27.4	14.7 Min.		
		6POSN	8	48	N	30.4	21.4	27.2			
		8POSN	8	64	N	33.0	21.1	27.7			
		12POSN	8	96	N	33.9	21.2	28.4			

Figure.3 (Continue)

Test Group	Test Item			Set	N	Unit	Results			Requirement	Judgement
5	Initial examination of products			60	60	-	No physical damage			Meets requirements of product drawing	Passed
	Crimp tensile strength						MAX	MIN	AVE		
		S size	AWG30	10	10	N	15.9	13.0	14.1	4.9 MIN	
			AWG28	10	10	N	24.5	18.8	22.7	9.8 MIN	
		M size	AWG28	10	10	N	24.3	19.7	21.7	9.8 MIN	
			AWG26	10	10	N	39.8	33.7	36.6	19.6 MIN	
			AWG24	10	10	N	63.2	58.6	60.3	29.4 MIN	
			AWG22	10	10	N	83.3	71.0	79.4	44.1 MIN	
6		Initial examination of products			16	16	-	No physical damage			Meets requirements of product drawing
	Housing Locking Strength	4POSN		4	4	N	50.2	48.7	49.7	25.4 MIN	
		6POSN		4	4	N	57.5	54.2	56.5	25.4 MIN	
		8POSN		4	4	N	54.6	50.1	51.9	25.4 MIN	
		12POSN		4	4	N	52.7	49.6	50.6	25.4 MIN	
7	Initial examination of products			3	3	-	No physical damage			Meets requirements of product drawing	Passed
	Termination Resistance (Thermal Shock)					MAX	MIN	AVE			
		Initial	3	24	mΩ	2.99	2.22	2.54	30mΩ MAX		
		Finish				3.23	2.22	2.55			
	Final examination of products			3	3	-	No physical damage			No damage likely to impair function	

Figure.3(Continue)

Test Group	Test Item		Set	N	Unit				Requirement		
8	Initial examination of products		15	15	-	No physical damage			Meets requirements of product drawing	Passed	
	Termination Resistance (Humidity-Temperature Cycling)					MAX	MIN	AVE			
		Initial	3	24	mΩ	3.02	1.79	2.01	30mΩ MAX		
		Finish				2.69	2.12	2.38	30mΩ MAX		
	Dielectric Withstand Voltage Test(Humidity-Temperature Cycling)	4POSN	Initial	3	3	-	No breakdown or flashover				No breakdown or flashover
			Finish								
		6POSN	Initial	3	3		No breakdown or flashover				
			Finish								
		8POSN	Initial	3	3		No breakdown or flashover				
			Finish								
		12POSN	Initial	3	3		No breakdown or flashover				
			Finish								
	Insulation Resistance (Humidity-Temperature Cycling)						MAX	MIN	AVE		
		4POSN	Initial	3	3	MΩ	9.2 x10 ⁶	3.7 x10 ⁶	5.7 x10 ⁶		1000 MΩ MIN
			Finish				2.1 x10 ⁶	9.2 x10 ⁶	1.6 x10 ⁶		100 MΩ MIN
		6POSN	Initial	3	3	MΩ	4.5 x10 ⁶	2.3 x10 ⁶	3.7 x10 ⁶		1000 MΩ MIN
			Finish				4.3 x10 ⁶	1.3 x10 ⁶	2.3 x10 ⁶		100 MΩ MIN
		8POSN	Initial	3	3	MΩ	5.0 x10 ⁶	2.2 x10 ⁶	3.9 x10 ⁶		1000 MΩ MIN
			Finish				3.5 x10 ⁶	1.0 x10 ⁶	2.0 x10 ⁶		100 MΩ MIN
		12POSN	Initial	3	3	MΩ	1.5 x10 ⁶	1.3 x10 ⁶	1.4 x10 ⁶		1000 MΩ MIN
			Finish				1.4 x10 ⁷	6.3 x10 ⁶	5.0 x10 ⁶		100 MΩ MIN
		Final examination of products		15	15	-	No physical damage				No damage likely to impair function

Figure.3(Continue)

Test Group	Test Item		Set	N	Unit	Results			Requirement	Judgement	
9	Initial examination of products		15	15	-	No physical damage			Meets requirements of product drawing	Passed	
	Termination Resistance ((Humidity State)						MAX	MIN	AVE		
			Initial	3	24	mΩ	2.22	1.93	2.05		30mΩ MAX
			Finish				2.19	1.72	1.97		30mΩ MAX
	Dielectric Withstand Voltage Test(Humidity-(Humidity State)	4POSN	Initial	3	3	-	No breakdown or flashover				No breakdown or flashover
			Finish								
		6POSN	Initial	3	3	-	No breakdown or flashover				
			Finish								
		8POSN	Initial	3	3	-	No breakdown or flashover				
			Finish								
		12POSN	Initial	3	3	-	No breakdown or flashover				
			Finish								
	Insulation Resistance ((Humidity State)						MAX	MIN	AVE		
		4POSN	Initial	3	3	MΩ	9.8 x10 ⁶	3.6 x10 ⁶	5.7 x10 ⁶		1000 MΩ MIN
			Finish				1.1 x10 ⁷	3.6 x10 ⁶	6.3 x10 ⁶		100 MΩ MIN
		6POSN	Initial	3	3	MΩ	1.0 x10 ⁷	2.8 x10 ⁶	6.4 x10 ⁶		1000 MΩ MIN
			Finish				2.8 x10 ⁶	2.2 x10 ⁶	2.4 x10 ⁶		100 MΩ MIN
		8POSN	Initial	3	3	MΩ	7.0 x10 ⁶	1.6 x10 ⁶	4.2 x10 ⁶		1000 MΩ MIN
			Finish				4.0 x10 ⁶	1.7 x10 ⁶	2.8 x10 ⁶		100 MΩ MIN
		12POSN	Initial	3	3	MΩ	1.2 x10 ⁶	1.1 x10 ⁶	1.2 x10 ⁶		1000 MΩ MIN
			Finish				1.2 x10 ⁶	8.2 x10 ⁵	1.1 x10 ⁶		100 MΩ MIN
		Final examination of products		15	15	-	No physical damage				No damage likely to impair function

Figure.3(Continue)

Test Group	Test Item		Set	N	Unit	Results			Requirement	Judgement
10	Initial examination of products		3	3	-	No physical damage			Meets requirements of product drawing	Passed
	Termination Resistance (Industry SO2 Gas)					MAX	MIN	AVE		
		Initial	3	24	mΩ	2.26	1.92	2.05	30mΩ MAX	
		Finish				2.56	1.93	2.19		
	Final examination of products		3	3	-	No physical damage			No damage likely to impair function	
11	Initial examination of products		3	3	-	No physical damage			Meets requirements of product drawing	Passed
	Termination Resistance (Temperature Life)					MAX	MIN	AVE		
		Initial	3	24	mΩ	2.20	1.86	2.06	30mΩ MAX	
		Finish				3.53	2.42	2.99		
	Final examination of products		3	3	-	No physical damage			No damage likely to impair function	
12	Initial examination of products		3	3	-	No physical damage			Meets requirements of product drawing	Passed
	Termination Resistance (Salt Spray)					MAX	MIN	AVE		
		Initial	3	24	mΩ	2.22	1.90	2.07	30mΩ MAX	
		Finish				2.43	1.88	2.15		
	Final examination of products		3	3	-	No physical damage			No damage likely to impair function	

Figure.3(End)

POSN	Set	N	Wire size	Temperature rise 30°C MAX at rated current.		Temperature rise 100°C MAX at rated current.	
				Current Rating [A]	Result MAX [°C]	Current Rating [A]	Result MAX [°C]
4POSN	3	12	AWG30	0.8	6.3	1.5	17.5
			AWG28	1.0	5.0	1.8	13.8
			AWG26	3.2	20.0	5.8	64.4
			AWG24	3.9	18.8	7.2	63.8
			AWG22	4.5	17.5	8.3	58.1
6POSN	3	12	AWG30	0.8	12.5	1.5	26.3
			AWG28	1.0	6.25	1.8	16.3
			AWG26	2.9	21.3	5.1	63.7
			AWG24	3.4	18.8	6.4	63.8
			AWG22	4.2	19.4	8.0	66.3
8POSN	3	12	AWG30	0.8	10.0	1.5	31.2
			AWG28	1.0	5.0	1.8	17.5
			AWG26	2.6	18.7	4.8	50.6
			AWG24	3.1	18.8	5.8	63.2
			AWG22	3.8	18.1	7.0	60.0
12POSN	3	12	AWG30	0.8	9.6	1.5	28.7
			AWG28	1.0	8.8	1.8	25.0
			AWG26	2.3	18.2	4.4	63.1
			AWG24	2.8	20.0	5.2	66.3
			AWG22	3.5	19.4	6.5	64.4
18POSN	3	6	AWG30	0.8	7.8	1.5	24.6
			AWG28	1.0	6.7	1.8	18.8
			AWG26	2.1	18.5	4.0	62.7
			AWG24	2.7	18.6	5.2	64.5
			AWG22	3.3	19.2	6.3	65.2
24POSN	3	6	AWG30	0.8	9.0	1.5	27.7
			AWG28	1.0	7.6	1.8	22.0
			AWG26	2.0	18.3	3.9	64.6
			AWG24	2.7	18.4	5.2	64.5
			AWG22	3.2	19.0	6.1	63.1

Figure.4