YPES-11-05-134

０２５ コネクタ

製品規格

PRODUCT STANDARD FOR
025 CONNECTOR

矢崎総業株式会社

矢崎部品株式会社

改訂年月日　２０１４年 ０２月 ２６日

1．適用範囲
本規格は、自動車用の低圧回路に使用する０２５コネクタについて規定する。

2．種類、品番及び適用電線サイズ

＜端子＞
別紙１頁～３頁を参照して下さい。

＜ハウジング＞
別紙４頁～１６頁を参照して下さい。

3．用語の説明
本コネクタの雄端子のタブ幅が、０．０２５インチ（0.64 mm）であるため、０２５コネクタと呼ぶ。

4．構造及び材質
構造及び材質は、各部品図面の指示による。

5．取り扱い方法
取り扱いについては、「０２５ コネクタ 取扱説明書（YPES-15-442)」及び、「ＨＬＣ コネクタ 取扱説明書（YPES-15-383)」を参照のこと。

6．試験項目
コネクタの試験は、特に指定のない場合、常温（２０±５℃)、常湿（６５±２０％）中にて行うものとする。

６－１）基本性能

表－２

No.	試験項目	性　　能		試験方法
1	外観	〈端子〉 有害な変形、傷、バリ、錆など無きこと。 〈ハウジング〉 有害な変形、傷、打痕、ひけ、バリ、ウエルド無きこと。		７－１－１
2	端子挿入離脱力	端子挿入力	１．０～２．５ Ｎ	７－１－２
		端子離脱力	１．０～２．７ Ｎ	
3	電線固着力	表－３参照		７－１－３
4	端子保持力	ランス ：　４０ Ｎ 以上 総合 ：１００ Ｎ 以上		７－１－４
5	挿入離脱 フィーリング	有害な引っかかり等が無いこと。		７－１－５
6	コネクタ 挿入離脱力	７０N以下		７－１－６
7	ロック強度	１００ Ｎ 以上		７－１－７

表－3

	電線サイズ（mm^2）	固着力（N）
電線固着力	０．３	７０ 以上
	０．５	９０ 以上
	０．８５	１３０ 以上
	１．２５	１８０ 以上

６－２）電気的特性

表－4

No.	試験項目	性　　能	試験方法
1	電圧降下	(a) 初期　：１０ mV/A 以下 (b) 耐久後：３０ mV/A 以下	７－２－１
2	通電温度上昇	初期、耐久後 ：５０℃ 以下	７－２－２
3	絶縁抵抗	１００ MΩ 以上	７－２－３
4	耐電圧	絶縁破壊なきこと。	７－２－４

６－３）耐久、環境特性

表－５

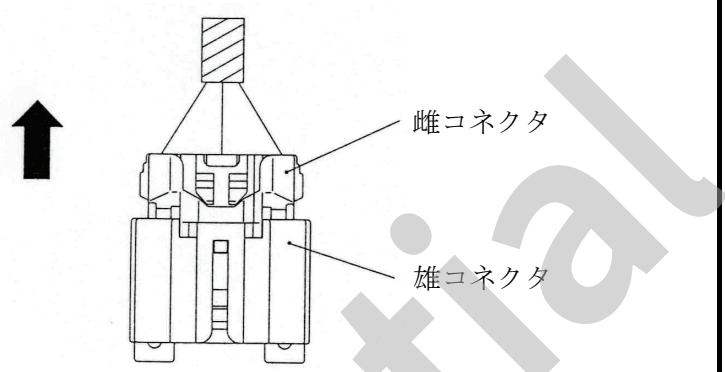
No.	試験項目	性　　能	試験方法
1	耐熱性	①ハウジングに有害な変形、割れ無きこと。 ②６－２－１（ｂ）を満足すること。	７－３－１

７．試験方法及び測定方法

７－１）基本性能

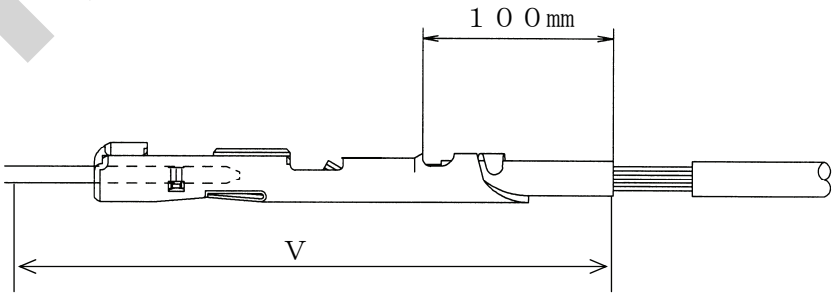
表－６

No.	試験項目	試験方法及び測定方法	
1	外観	目視により変形、傷等が無いことを確認する。	
2	端子挿入離脱力	端　子 挿入力	端子の一方を固定し、かん合相手端子を軸方向へ、２０～２００㎜/分の速さでプッシュプルゲージ等で押し測定する。
		端　子 離脱力	端子の一方を固定し、かん合相手端子を正規のかん合位置まで挿入し、２０～２００㎜/分の速さで離脱を行ない、プッシュプルゲージ等にて同様の測定を行なう。
3	電線固着力	電線を圧着した端子を固定し、圧着部より約１００ ㎜の位置より、電線を軸方向に２０～２００ ㎜/分の速さで引張り、電線の破断又は、圧着部から電線の引き抜けたときの荷重を測定する。	
4	端子保持力	ハウジングに約１００ ㎜の長さの電線を圧着した端子を固定し、電線を軸方向に２０～２００ ㎜/分の速さで引張り、端子がハウジングから抜けるときの荷重を測定する。	
5	挿入離脱 フィーリング	端子、コネクタ及び端子を挿入したコネクタの挿入離脱を手で行い、そのフィーリングを確認する。	
6	コネクタ 挿入離脱力	コネクタ 挿入力	全極に端子を挿入したコネクタ同志を、ロック機構を働かせた状態で正規のかん合位置まで２０～２００ ㎜/分の速さでかん合させ、かん合に要する荷重を測定する。
		コネクタ 離脱力	全極に端子を挿入したコネクタ同志を正規の位置までかん合後、ロック機構を作用させないで２０～２００ ㎜/分の速さで離脱させ、離脱に要する荷重を測定する。

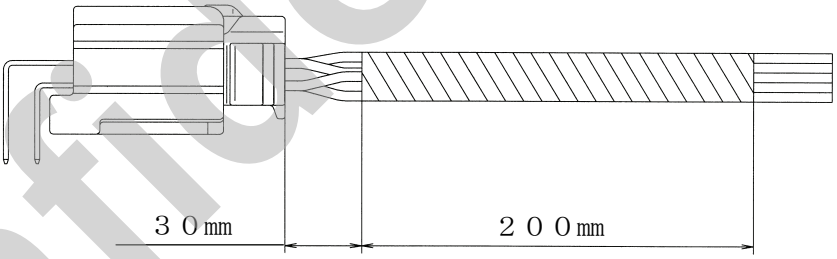
No.	試験項目	試験方法及び測定方法
6	ロック強度	端子を挿入しないハウジングの雄,雌をかん合し、ハウジングロック機構を作用した状態で、ハウジングの一方を固定し、他方を軸方向に２０～２００ ㎜/分の速さで引張り、ロック機構が離脱し、又は、破壊したときの荷重を測定する。 

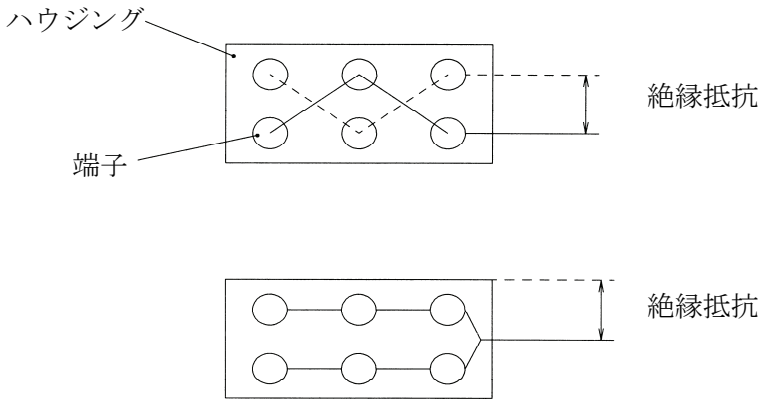
７－２）電気的特性

表－７

No.	試験項目	試験方法及び測定方法
1	電圧降下	コネクタをかん合した状態で下記による電圧、電流にて通電し、圧着部より各１００ ㎜ 離れた点で温度上昇が飽和した点で下記の方法で電圧降下を測定し、１００ ㎜ の電線抵抗分を差し引いて接触抵抗を算出する。 ＜通常電流＞ 開放電圧　５０ mV　以下 通電電流　１０±０．５ mA  試験項目より電線長１００ ㎜ を変更してよい。

<table>
<tr><th>No.</th><th>試験項目</th><th>試験方法及び測定方法</th></tr>
<tr><td>2</td><td>通電温度上昇</td><td>
全極に端子を挿入したコネクタを正規にかん合させ水平に保ち、表－８及び表－９から算出される電流を通電し、温度上昇飽和時の端子圧着部の温度を測定する。試験中は、無風であること。
①Ｉ$_1$＝Ｉmax×Ｋｄで全極通電
②Ｉ$_2$＝Ｉmax で１極のみ通電

表－８
<table>
<tr><th>接続電線（mm^2）</th><th>Ｉ max(A)</th></tr>
<tr><td>０．３</td><td>８</td></tr>
<tr><td>０．５</td><td>１１</td></tr>
<tr><td>０．８５</td><td>１４．５</td></tr>
<tr><td>１．２５</td><td>１８</td></tr>
</table>
表－９
<table>
<tr><th>極　数</th><th>ｋｄ（減少係数）</th></tr>
<tr><td>１</td><td>１．０</td></tr>
<tr><td>２～３</td><td>０．７５</td></tr>
<tr><td>４～５</td><td>０．６</td></tr>
<tr><td>６～８</td><td>０．５５</td></tr>
<tr><td>９～１２</td><td>０．５</td></tr>
<tr><td>１３～</td><td>０．４</td></tr>
</table>
・電線の収束は下図の如く行う。


</td></tr>
<tr><td>3</td><td>絶縁抵抗</td><td>
コネクタをかん合した状態で隣接する端子相互間及び端子とハウジング表面をDC ５００ Vの絶縁抵抗計で絶縁抵抗を測定する。


</td></tr>
<tr><td>4</td><td>耐電圧</td><td>コネクタをかん合した状態で隣接する端子相互間及び端子とハウジング表面間に７－２－３と同一方法で商用周波数の交流電圧１０００Ｖを１分間印加する</td></tr>
</table>

７－３）耐久、環境特性

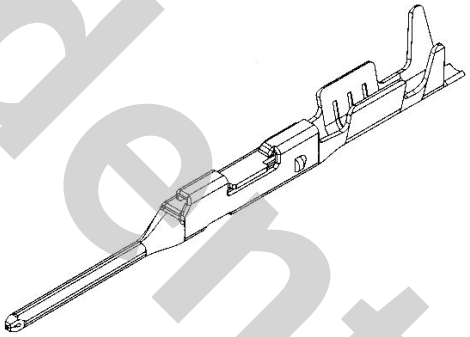
表－１０

No.	試験項目	試験方法及び測定方法
1	耐熱性	全極に端子を挿入したコネクタを正規にかん合させ、コネクタを８０℃に保たれた恒温槽に１２０時間放置し、その後、取り出して常温に戻るまで放置し、７－２－１の方法で電圧降下を測定する。

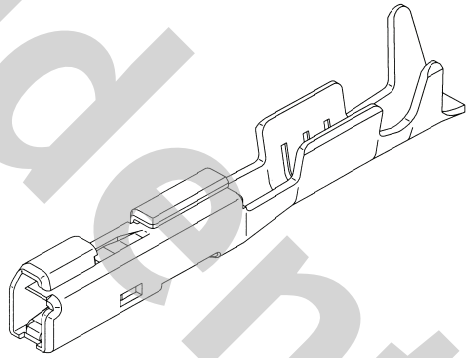
本製品規格は、発行先に対し連絡無しに

改訂する場合がありますので、御了承下さい。

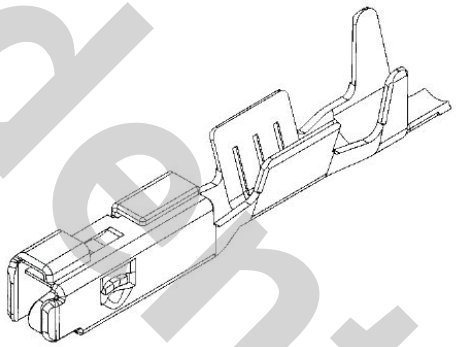
◎　構成部品一覧表

矢崎品名	矢崎品番	材質 (めっき処理)	形状	適用電線サイズ	備考
025 terminal male	7114-4764-02 7114-4764-08	銅合金 (錫めっき) 銅合金 (金めっき)		CAVS 0.3～0.5	

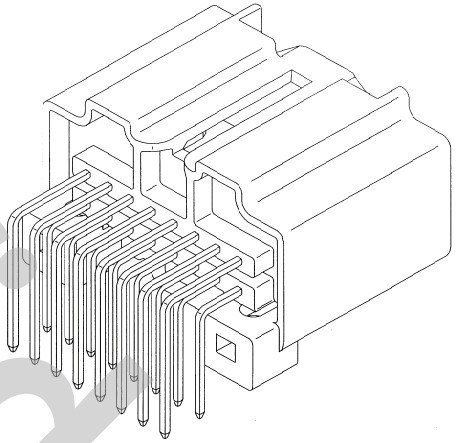
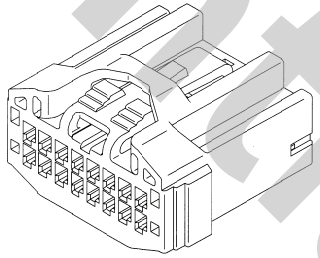
別紙　1

矢崎品名	矢崎品番	材質 (めっき処理)	形状	適用電線サイズ	備考
025 terminal female	7116-4660-02	銅合金 (錫めっき)		CAVS 0.3～0.5	
	7116-6520-02	銅合金 (錫新リフローめっき)			
	7116-4660-08	銅合金 (金めっき)			

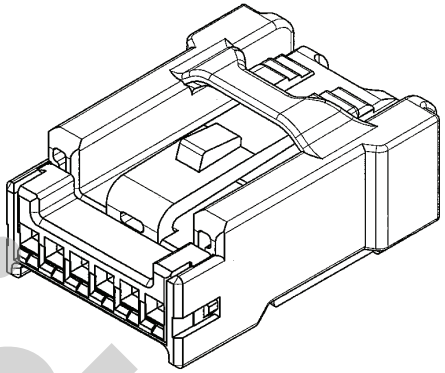
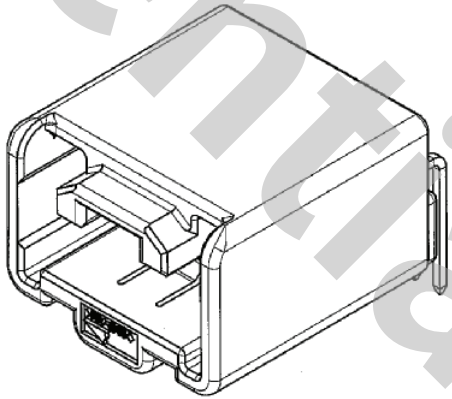
別紙 2

矢崎品名	矢崎品番	材質 (めっき処理)	形状	適用電線サイズ	備考
025 terminal female	7116-4765-02 7116-4766-02	銅合金 (錫めっき)		CAVS 0.85～1.25 CAVS 0.3～0.5	

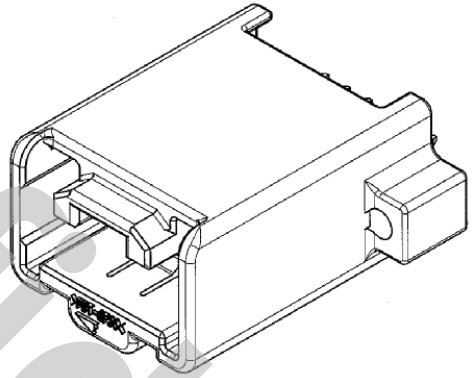
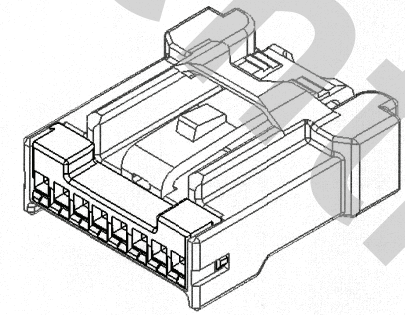
別紙 3

矢崎品名	矢崎品番	材質 (めっき処理)	形状	色	備考
025 16p housing male assembly	7382-4261 7382-4261-10 7382-4261-30	PBT		自然 濃灰色 黒色	
	7382-4269			自然	
025 16p housing female sub assembly	7283-4261 7283-4261-10 7283-4261-30	PBT		自然 濃灰色 黒色	

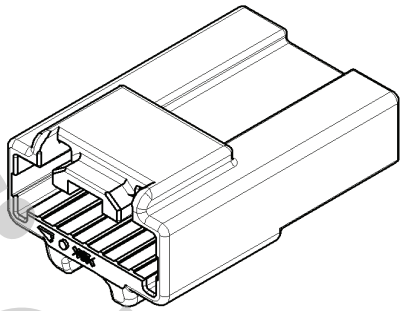
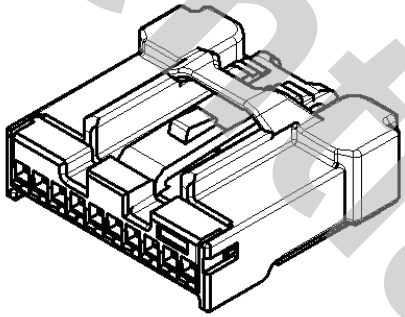
別紙 4

矢崎品名	矢崎品番	材質 (めっき処理)	形状	色	備考
025 6p connector female sub assembly	7283-8117	PBT		自然	
025 6p pcb-h connector housing male assembly	7382-8117	PBT		自然	

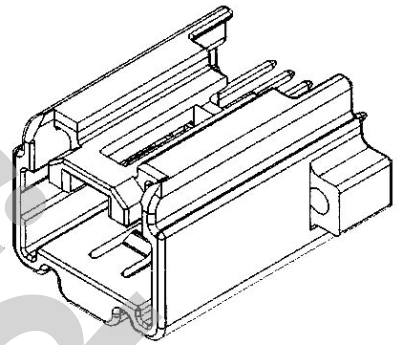
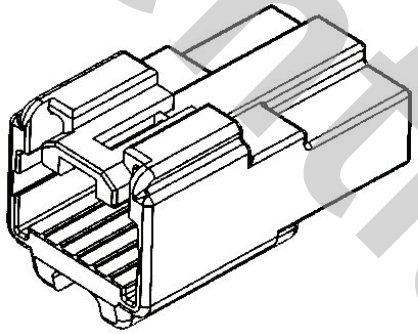
別紙 5

矢崎品名	矢崎品番	材質 (めっき処理)	形状	色	備考
025 6p pcb-v connector housing male assembly	7382-8315	PBT		自然	
025 8p housing female sub assembly	7283-6483	PBT		自然	

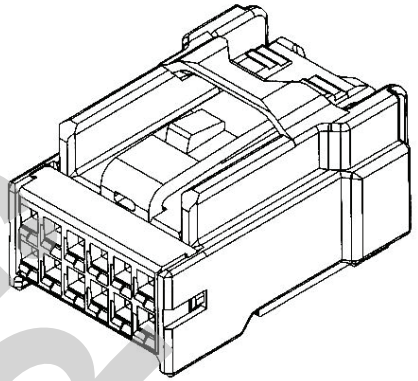
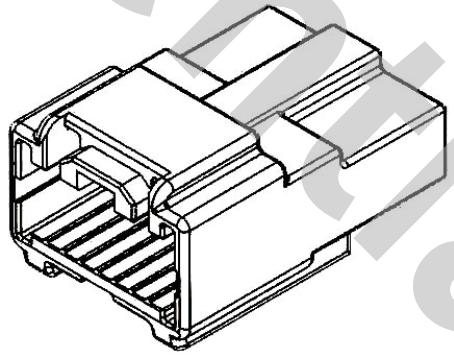
別紙 6

矢崎品名	矢崎品番	材質 (めっき処理)	形状	色	備考
025 8p housing male sub assembly	7282-6483	PBT		自然	
025 10p housing female sub assembly	7283-6539	PBT		自然	

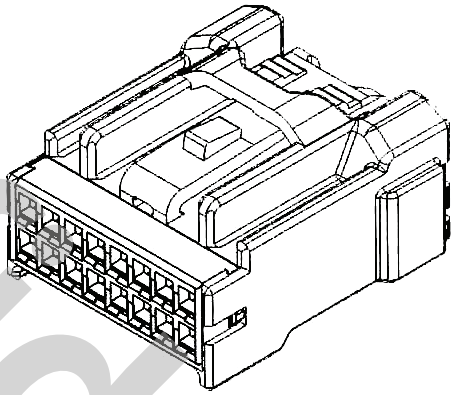
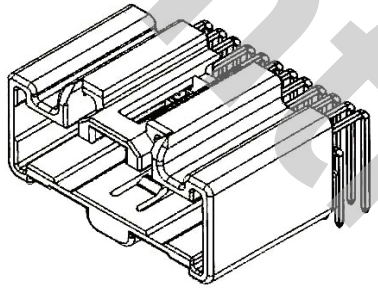
別紙 7

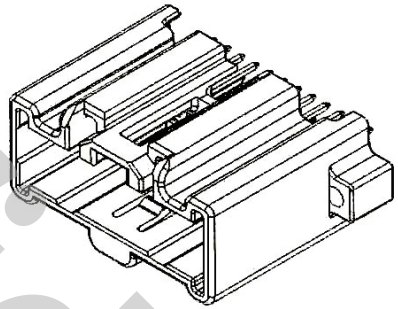
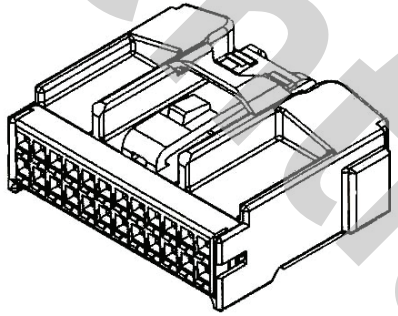
矢崎品名	矢崎品番	材質 (めっき処理)	形状	色	備考
025 12p housing male assembly	7382-6484	PBT		自然	
025 12p housing male sub assembly	7282-7597	PBT		自然	

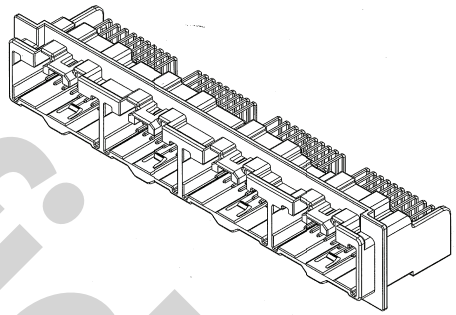
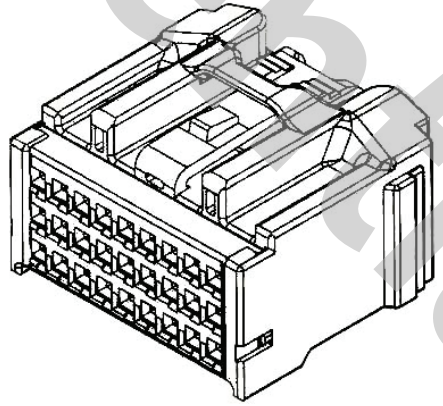
別紙 8

矢崎品名	矢崎品番	材質 (めっき処理)	形状	色	備考
025 12p housing female sub assembly	7283-6484 7283-6484-40	PBT		自然 淡灰色	
025 16p housing male sub assembly	7282-7596	PBT		自然	

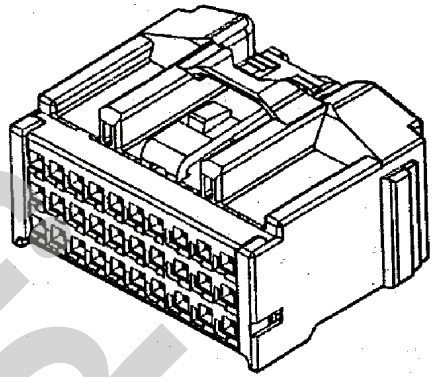
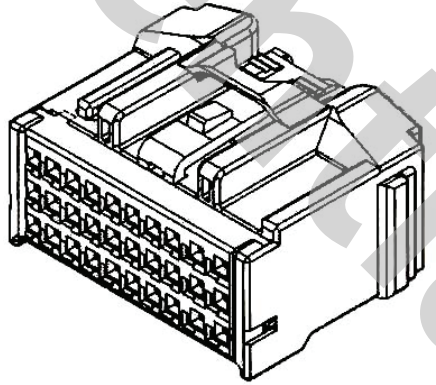
別紙 6

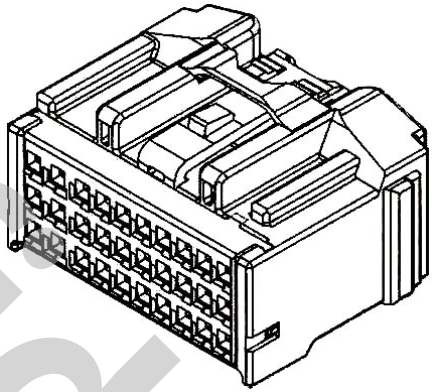
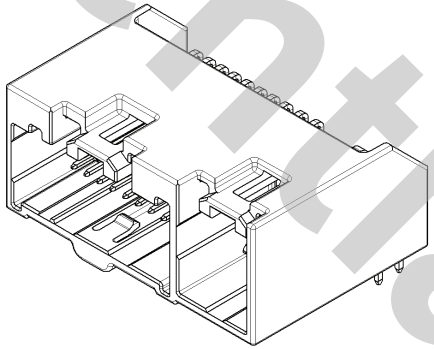
矢崎品名	矢崎品番	材質 (めっき処理)	形状	色	備考
025 16p housing female sub assembly	7283-7596	PBT		自然	端子ピッチ 3.0×2.2 (縦×横)
025 24p housing male pcb-h assembly	7382-6485 7382-6485-10	PBT		自然 濃灰色	
	7382-4471			自然	7382-4471 は 4 ピン 金めっき

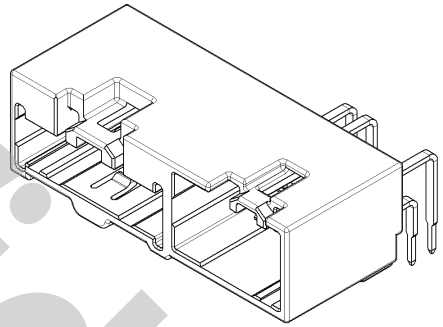
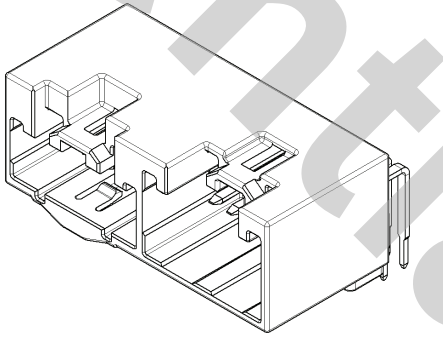
矢崎品名	矢崎品番	材質 (めっき処理)	形状	色	備考
025 24p housing male pcb-v assembly	7382-6486 7382-6486-30	PBT		自然 黒色	
	7382-7599			自然	7382-7599 は 1 ピン 金めっき
025 24p housing female sub assembly	7283-6485 7283-6485-10	PBT		自然 濃灰色	

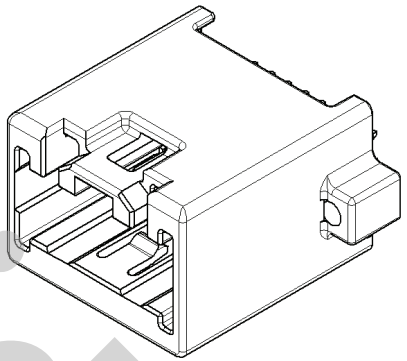
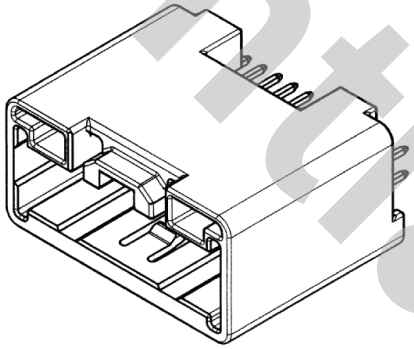
矢崎品名	矢崎品番	材質 (めっき処理)	形状	色	備考
025 117p housing male assembly	7382-6487	PBT		自然	
025 27p housing female sub assembly	7283-6488 7283-6488-40	PBT		自然 淡灰色	

別紙 12

矢崎品名	矢崎品番	材質 (めっき処理)	形状	色	備考
025 30p housing female sub assembly (TYPE-A)	7283-6489	PBT		自然	
025 30p housing female sub assembly (TYPE-B)	7283-7594	PBT		自然	

矢崎品名	矢崎品番	材質 (めっき処理)	形状	色	備考
025 30p housing female sub assembly (TYPE-C)	7283-7595	PBT		自然	
025 30p+060 6p housing male pcb-h assembly	7382-3801	PBT		自然	

矢崎品名	矢崎品番	材質 (めっき処理)	形状	色	備考
025 24p+060 8p housing male pcb-h assembly	7382-3802	PBT		自然	
025 16p+060 12p housing male pcb-h assembly	7382-3803	PBT		自然	

矢崎品名	矢崎品番	材質 (めっき処理)	形状	色	備考
025 16p housing male pcb-v assembly	7382-3804	PBT		自然	
025 24p housing male pcb-v assembly	7386-1045 7386-1045-30	PBT		自然 黒色	矢崎品番 7382-6486 の 外形形状変更 品

YPES-11-05-134E

PRODUCT STANDARD
FOR
025 CONNECTOR

YAZAKI Corporation
YAZAKI PARTS CO., LTD

Revised on Aug. 19, 2014

Please be informed that the contents in this product standard
may be revised without any notice.

1. Scope
This product standard specifies 025 Connector system used in low voltage circuit for automobiles.

2. Product variations, Part numbers and Applicable wire size

<Terminal>
Refer to Attachment 1~3.

<Housing>
Refer to Attachment 4~16.

3. Definition
Width of the male tab used in this connector system is 0.025 inch, or 0.64mm, and thus it is called "025 Connector".

4. Structure and Material
As per each part drawing.

5. Handling
Refer to Handling Manual for 025 Connector (YPES-15-442) and HLC Connector (YPES-15-383).

6. Test Items
All the tests shall be conducted at room temperature of 20 +/- 5 degC and normal humidity of 65 +/- 20%, unless otherwise specified.

6-1) Performance

Table-2

No.	Test Item	Performance		Test Method
1	Appearance	<Terminal> No harmful deformation, flaw, flash, or rust allowed <Housing> No harmful deformation, flaw, dent, sink mark, flash, or weld allowed		7-1-1
2	Terminal insertion/removal force	Terminal insertion force	1.0 - 2.5 N	7-1-2
		Terminal removal force	1.0 - 2.7 N	
3	Wire retention force	Refer to Table-3		7-1-3
4	Terminal retention force	With primary lock only: 40N Min. With secondary lock: 100N Min.		7-1-4
5	Insertion/Removal feeling	No harmful catch allowed		7-1-5
6	Connector mating/removal force	70N Max.		7-1-6
7	Lock strength	100N Min.		7-1-7

Table-3

	Wire size (mm^2)	Retention force (N)
Wire retention force	0.3	70 Min.
	0.5	90 Min.
	0.85	130 Min.
	1.25	180 Min.

6-2) Electrical properties

Table-4

No.	Test Item	Performance	Test Method
1	Voltage drop	(a) before endurance : 10 mV/A Max. (b) after endurance : 30 mV/A Max.	7-2-1
2	Current passage temperature rise	before/after endurance : 50 degC Max.	7-2-2
3	Insulation resistance	100 Mohm Min.	7-2-3
4	Withstand voltage	No insulation breakdown allowed	7-2-4

6-3) Durability, Environmental properties

Table-5

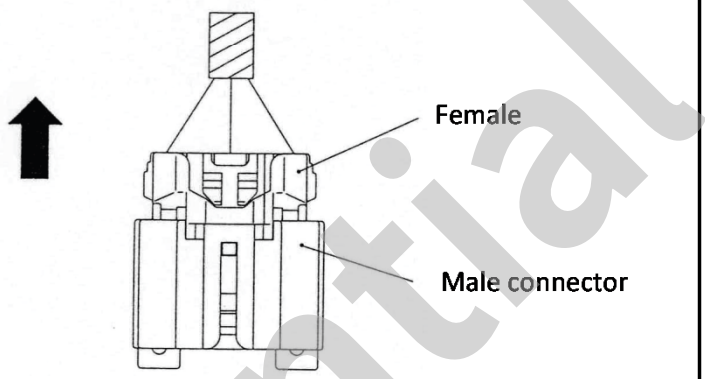
No.	Test Item	Performance	Test Method
1	Heat resistance	(1) Housing is free of harmful deformation or crack (2) Fulfill the requirement of 6-2-1(b)	7-3-1

7. Test / Measurement method

7-1) Performance

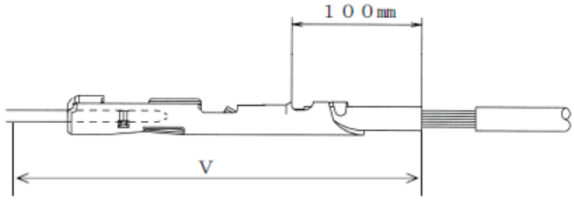
Table-6

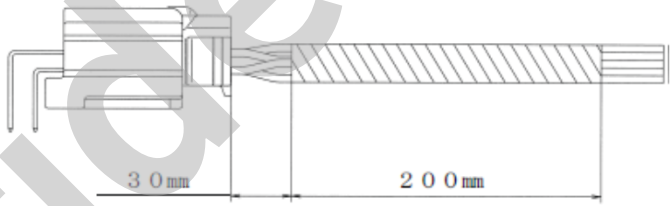
No.	Test Item	Test / Measurement Method	
1	Appearance	Visually inspect the part to check for deformation or flaw	
2	Terminal insertion/removal force	Terminal insertion force	Secure a terminal. Push the mating terminal in axial direction at a rate of 20~200mm/min. using a measurement tool such as push-pull gage to measure the insertion force.
		Terminal removal force	Secure a terminal and insert the mating terminal to the precise position. Remove the terminal at a rate of 20~200mm/min. using a measurement tool such as push-pull gage to measure the removal force.
3	Wire retention force	Secure a wire-crimped terminal 100mm behind the crimping portion. Pull the wire in the axial direction at a rate of 20-200mm/min. Measure the force when the wire is broken or pulls out from the terminal.	
4	Terminal retention force	Insert a terminal crimped with approx. 100mm wire in a connector housing. Pull the wire in the axial direction at a rate of 20~200mm/min. Measure the force when the terminal comes off from the housing.	
5	Insertion/Removal feeling	Manually insert and removal terminals, connectors or connectors populated with terminals, while checking the insertion/removal feeling.	
6	Connector mating/removal force	Connector mating force	Mate a pair of connectors fully populated with terminals to a precise depth with lock enabled. Measure the force required to mate them at a rate of 20~200mm/min.
		Connector removal force	After mating a pair of connectors fully populated with terminals to a precise depth with lock disabled, measure the force required to unmate them at a rate of 20~200mm/min.

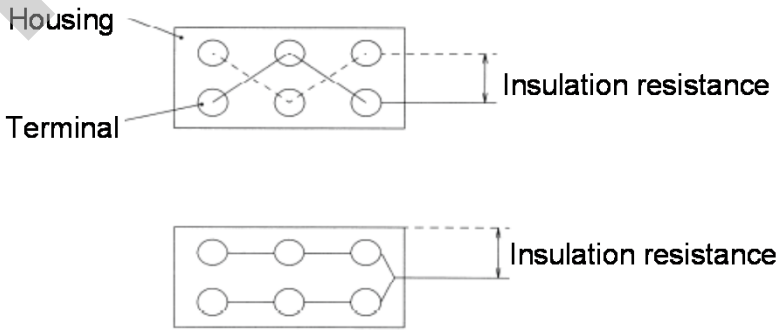
No.	Test Item	Test / Measurement Method
7	Lock strength	Mate male and female connectors with no terminal inserted to engage the connector primary lock. Secure one half of the mated connectors, and pull the other half in the axial direction at a rate of 20~200mm/min. Measure the force when the lock is released or broken. 

7-2) Electrical properties

Table-7

No.	Test Item	Test / Measurement Method
1	Voltage drop	With connectors male and female mated, apply voltage and current shown below. Measure the voltage drop at the points 100mm behind each crimp, when the temperature has been saturated. Then, deduct the resistance of the wire (for 100mm length) from the measurement result to calculate the contact resistance. <Voltage/Current applied> Open voltage 50mV Max. Current 10 +/- 0.5mA  The wire length (i.e. 100mm) may be changed as

<table>
<tr><th>No.</th><th>Test Item</th><th>Test / Measurement Method</th></tr>
<tr><td>2</td><td>Current passage temperature rise</td><td>
Mate a connector fully populated with terminals to the precise depth and keep the sample in a horizontal position. Apply a current derived from Table-8 and Table-9 to the sample, then measure the temperature of the crimped area of terminal when the temperature has been saturated. Conduct a test in draft free enclosure.
(1) I_1 = I max * K d apply to all poles
(2) I_2 = I max apply to one pole
Table-8
<table>
<tr><th>Wire connected (mm^2)</th><th>Imax (A)</th></tr>
<tr><td>0.3</td><td>8</td></tr>
<tr><td>0.5</td><td>11</td></tr>
<tr><td>0.85</td><td>14.5</td></tr>
<tr><td>1.25</td><td>18</td></tr>
</table>
Table-9
<table>
<tr><th>No. of poles</th><th>K d (Reduction coefficient)</th></tr>
<tr><td>1</td><td>1.0</td></tr>
<tr><td>2-3</td><td>0.75</td></tr>
<tr><td>4-5</td><td>0.6</td></tr>
<tr><td>6-8</td><td>0.55</td></tr>
<tr><td>9-12</td><td>0.5</td></tr>
<tr><td>13-</td><td>0.4</td></tr>
</table>
* Bundle the wires as shown below.


</td></tr>
<tr><td>3</td><td>Insulation resistance</td><td>
With connectors male and female mated, determine the insulation resistance between adjacent terminals and between a terminal and housing surface using a 500VDC insulation resistance tester.


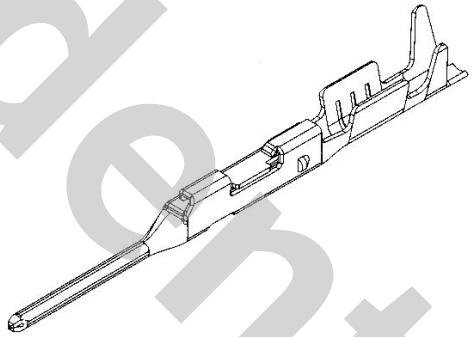
</td></tr>
<tr><td>4</td><td>Withstand Voltage</td><td>
With connectors male and female mated, apply 1000VAC at commercial frequency between adjacent terminals and between a terminal and housing surface for 1 min.
For the test method, refer to 7-2-3.
</td></tr>
</table>

7-3) Durability, Environmental properties

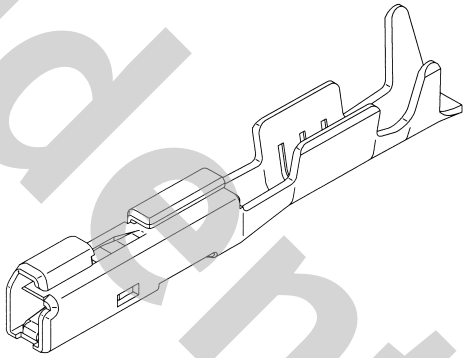
Table-10

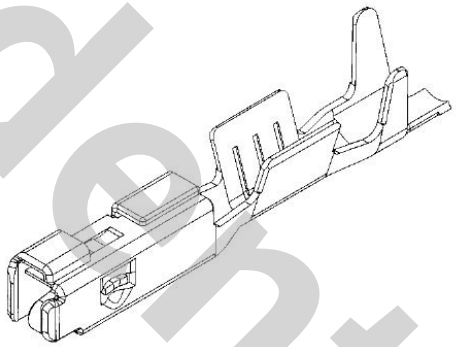
No.	Test Item	Test / Measurement Method
1	Heat resistance	Mate connectors fully populated with terminals to the precise depth. Place the pair of connectors in a chamber, set to 80degC, for 120 hours, then take the sample from the chamber and allow it to return to room temperature. Measure the voltage drop by the method shown in 7-2-1.

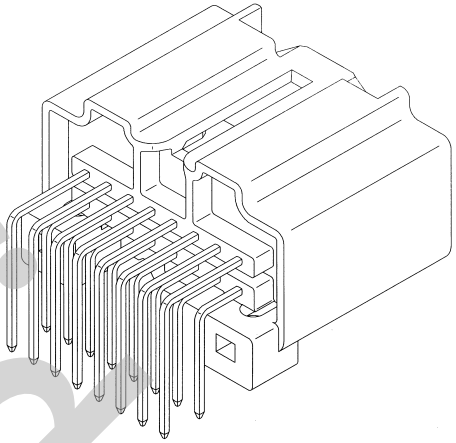
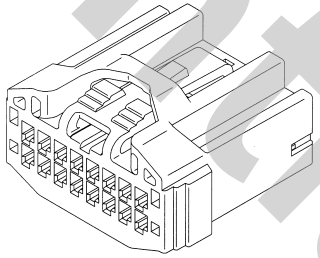
Component parts list

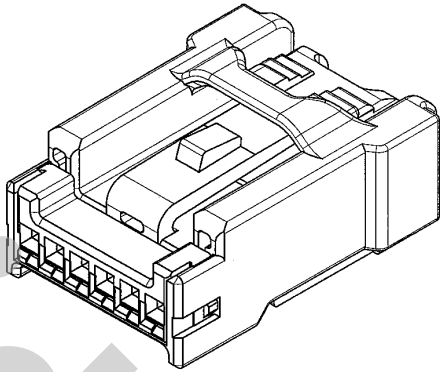
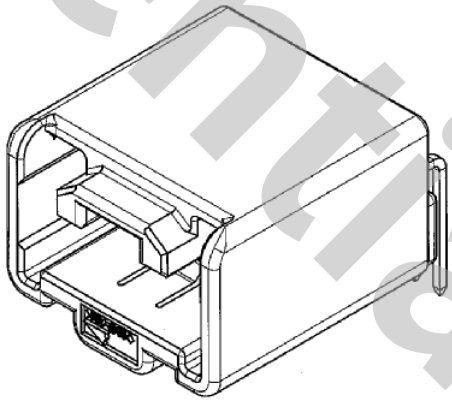
YAZAKI PART NAME	YAZAKI PART NUMBER	MATERIAL (PLATING)	SHAPE	APPLICABLE WIRE SIZE	NOTE
025 terminal male	7114-4764-02 7114-4764-08	Copper alloy (Tin plating) Copper alloy (Gold plating)		CAVS 0.3～0.5	

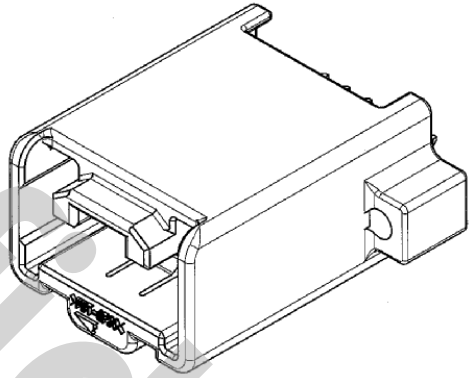
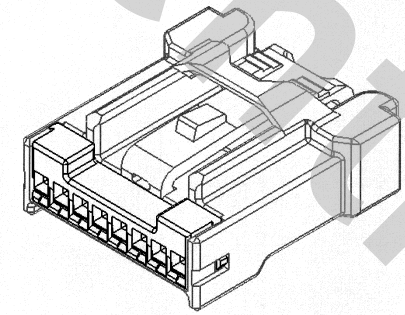
Attachment sheet 1

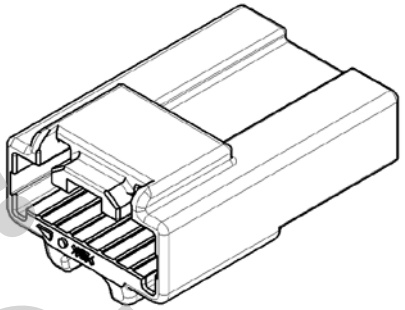
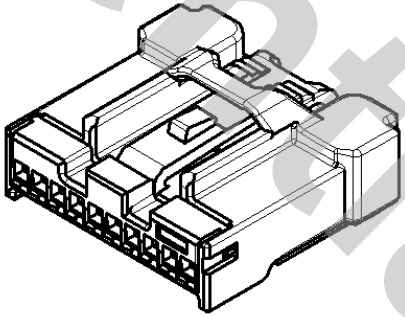
YAZAKI PART NAME	YAZAKI PART NUMBER	MATERIAL (PLATING)	SHAPE	APPLICABLE WIRE SIZE	NOTE
025 terminal female	7116-4660-02	Copper alloy (Tin plating)		CAVS 0.3～0.5	
	7116-6520-02	Copper alloy (Tin new reflow plating)			
	7116-4660-08	Copper alloy (Gold plating)			

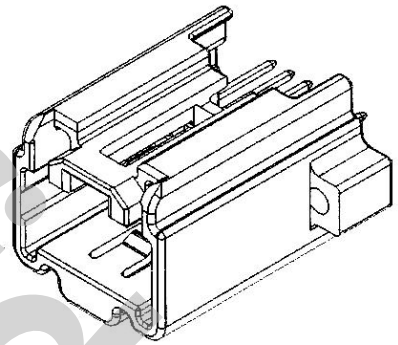
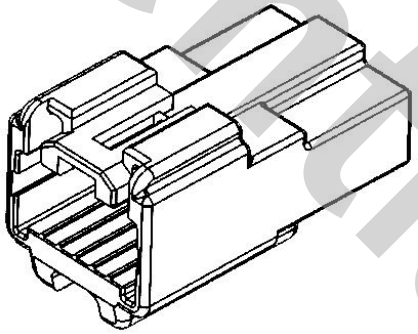
YAZAKI PART NAME	YAZAKI PART NUMBER	MATERIAL (PLATING)	SHAPE	APPLICABLE WIRE SIZE	NOTE
025 terminal female	7116-4765-02 7116-4766-02	Copper alloy (Tin plating)		CAVS 0.85～1.25 CAVS 0.3～0.5	

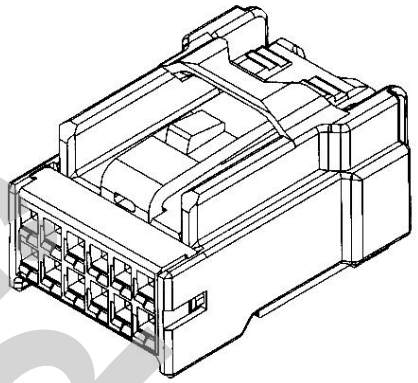
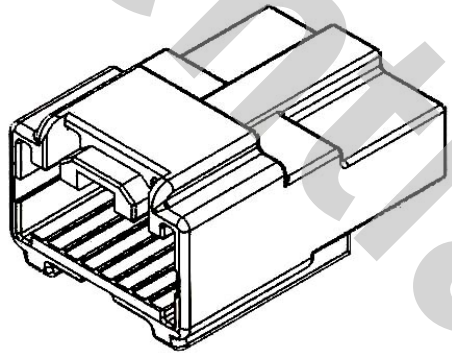
YAZAKI PART NAME	YAZAKI PART NUMBER	MATERIAL (PLATING)	SHAPE	COLOR	NOTE
025 16p housing male assembly	7382-4261 7382-4261-10 7382-4261-30	PBT		Natural Dark gray Black	
	7382-4269			Natural	
025 16p housing female sub assembly	7283-4261 7283-4261-10 7283-4261-30	PBT		Natural Dark gray Black	

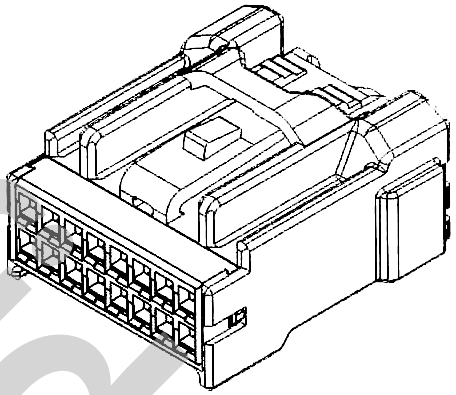
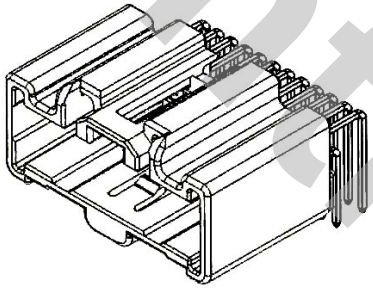
YAZAKI PART NAME	YAZAKI PART NUMBER	MATERIAL (PLATING)	SHAPE	COLOR	NOTE
025 6p connector female sub assembly	7283-8117	PBT		Natural	
025 6p pcb-h connector housing male assembly	7382-8117	PBT		Natural	

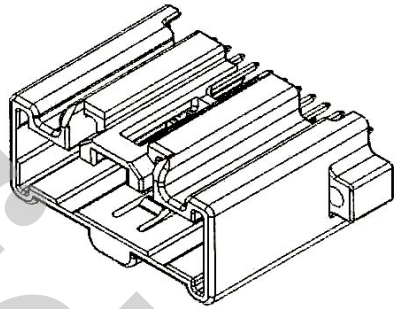
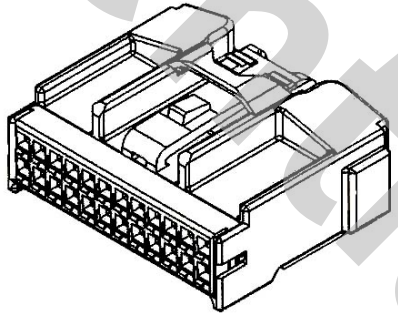
YAZAKI PART NAME	YAZAKI PART NUMBER	MATERIAL (PLATING)	SHAPE	COLOR	NOTE
025 6p pcb-v connector housing male assembly	7382-8315	PBT		Natural	
025 8p housing female sub assembly	7283-6483	PBT		Natural	

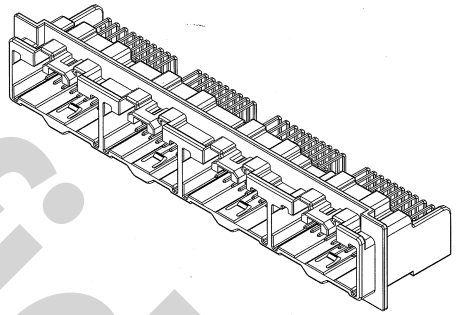
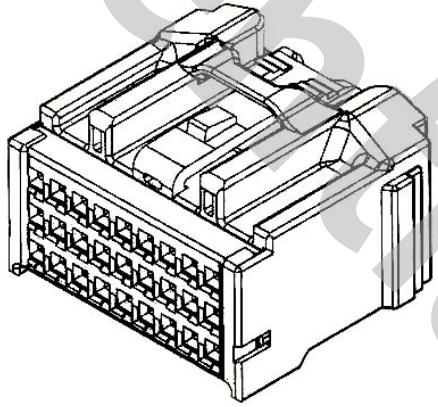
YAZAKI PART NAME	YAZAKI PART NUMBER	MATERIAL (PLATING)	SHAPE	COLOR	NOTE
025 8p housing male sub assembly	7282-6483	PBT		Natural	
025 10p housing female sub assembly	7283-6539	PBT		Natural	

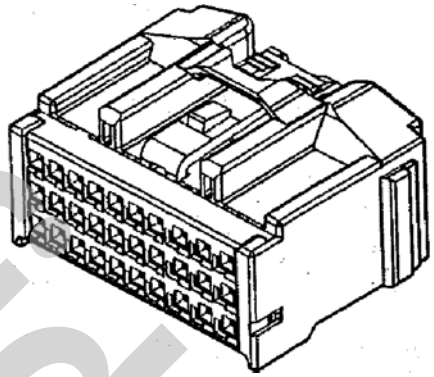
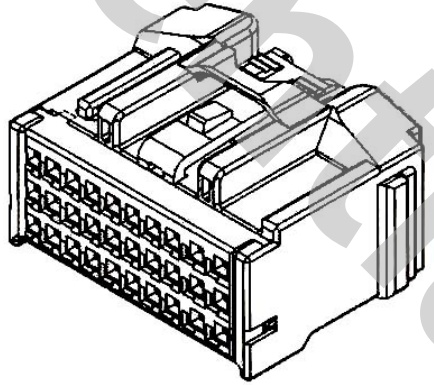
YAZAKI PART NAME	YAZAKI PART NUMBER	MATERIAL (PLATING)	SHAPE	COLOR	NOTE
025 12p housing male assembly	7382-6484	PBT		Natural	
025 12p housing male sub assembly	7282-7597	PBT		Natural	

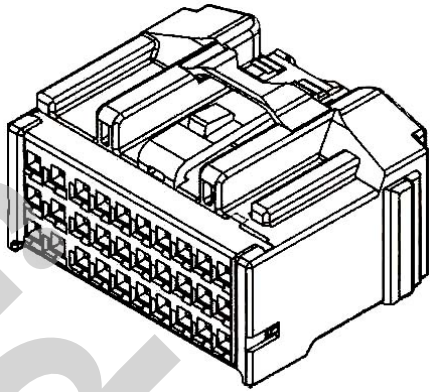
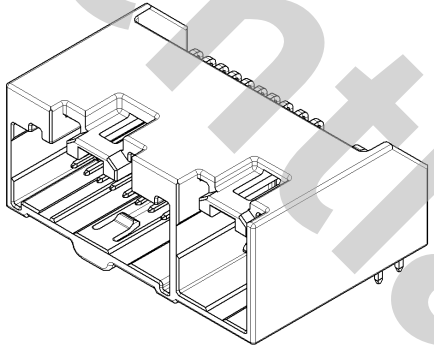
YAZAKI PART NAME	YAZAKI PART NUMBER	MATERIAL (PLATING)	SHAPE	COLOR	NOTE
025 12p housing female sub assembly	7283-6484 7283-6484-40	PBT		Natural Lightgray	
025 16p housing male sub assembly	7282-7596	PBT		Natural	

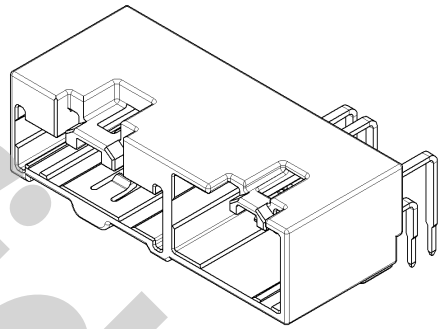
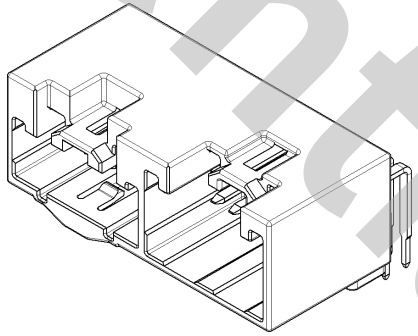
YAZAKI PART NAME	YAZAKI PART NUMBER	MATERIAL (PLATING)	SHAPE	COLOR	NOTE
025 16p housing female sub assembly	7283-7596	PBT		Natural	Terminal pitch 3.0×2.2 (vertical and horizontal)
025 24p housing male pcb-h assembly	7382-6485 7382-6485-10	PBT		Natural Dark gray	
	7382-4471			Natural	4 pins for 7382-4471 Gold plating

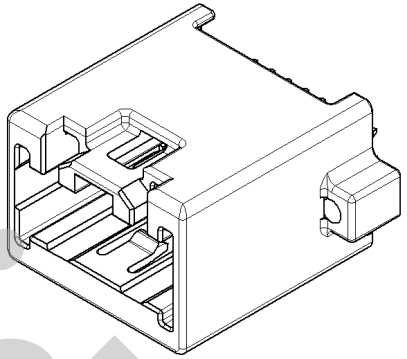
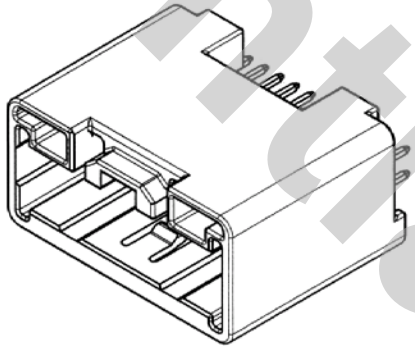
YAZAKI PART NAME	YAZAKI PART NUMBER	MATERIAL (PLATING)	SHAPE	COLOR	NOTE
025 24p housing male pcb-v assembly	7382-6486 7382-6486-30	PBT		Natural Black	
	7382-7599			Natural	1 pin for 7382-7599 Gold plating
025 24p housing female sub assembly	7283-6485 7283-6485-10	PBT		Natural Dark gray	

YAZAKI PART NAME	YAZAKI PART NUMBER	MATERIAL (PLATING)	SHAPE	COLOR	NOTE
025 117p housing male assembly	7382-6487	PBT		Natural	
025 27p housing female sub assembly	7283-6488 7283-6488-40	PBT		Natural Light gray	

YAZAKI PART NAME	YAZAKI PART NUMBER	MATERIAL (PLATING)	SHAPE	COLOR	NOTE
025 30p housing female sub assembly (TYPE-A)	7283-6489	PBT		Natural	
025 30p housing female sub assembly (TYPE-B)	7283-7594	PBT		Natural	

YAZAKI PART NAME	YAZAKI PART NUMBER	MATERIAL (PLATING)	SHAPE	COLOR	NOTE
025 30p housing female sub assembly (TYPE-C)	7283-7595	PBT		Natural	
025 30p+060 6p housing male pcb-h assembly	7382-3801	PBT		Natural	

YAZAKI PART NAME	YAZAKI PART NUMBER	MATERIAL (PLATING)	SHAPE	COLOR	NOTE
025 24p+060 8p housing male pcb-h assembly	7382-3802	PBT		Natural	
025 16p+060 12p housing male pcb-h assembly	7382-3803	PBT		Natural	

YAZAKI PART NAME	YAZAKI PART NUMBER	MATERIAL (PLATING)	SHAPE	COLOR	NOTE
025 16p housing male pcb-v assembly	7382-3804	PBT		Natural	
025 24p housing male pcb-v assembly	7386-1045 7386-1045-30	PBT		Natural Black	Modified outer shape of YAZAKI part number 7382-6486