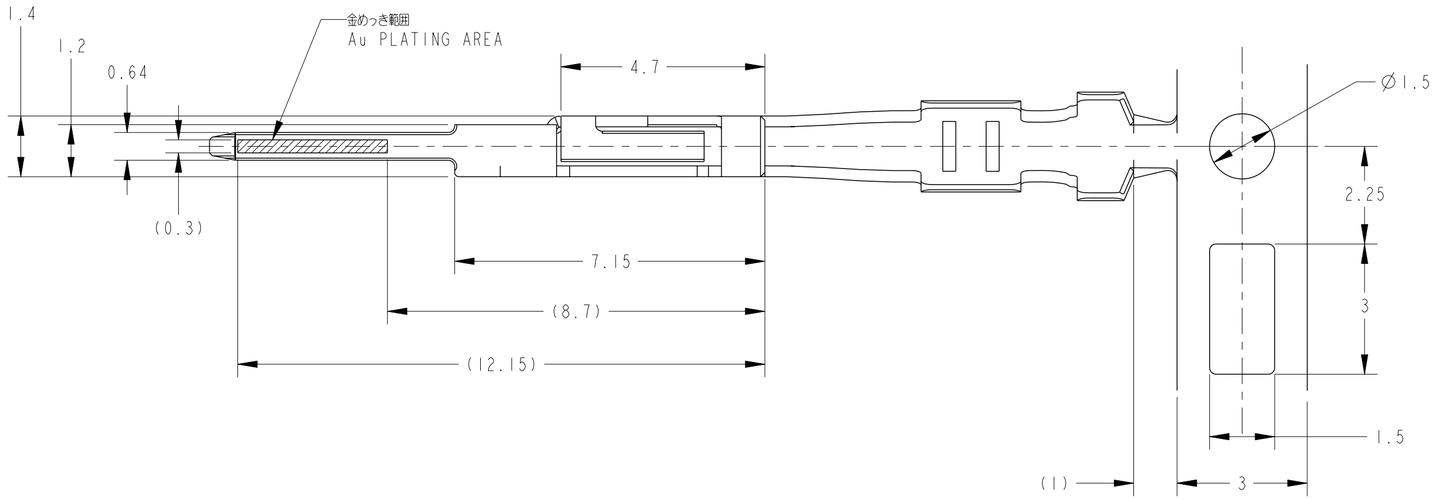
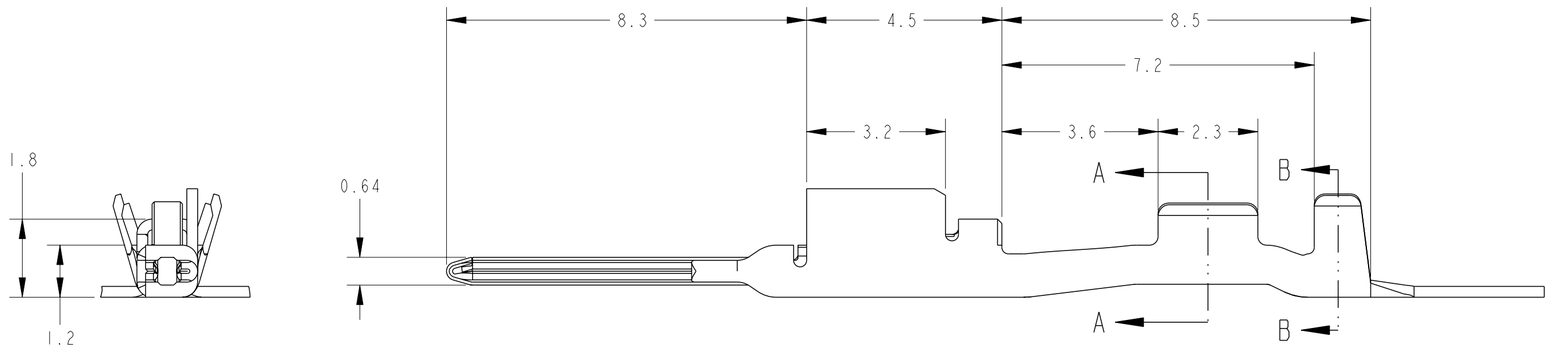
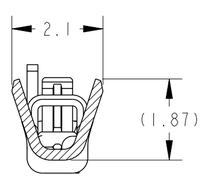
LOC	RLST
J	

REVISIONS
変更

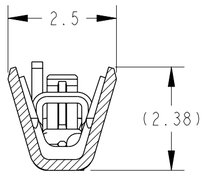
P	LTR	DESCRIPTION	ECN	DATE	DWN	APVD
	A3	REVISED PER ECO-11-005140		02APR2011	RK	HMR
	B	REVISED	ECR-15-014555	09OCT2015	AY	RK







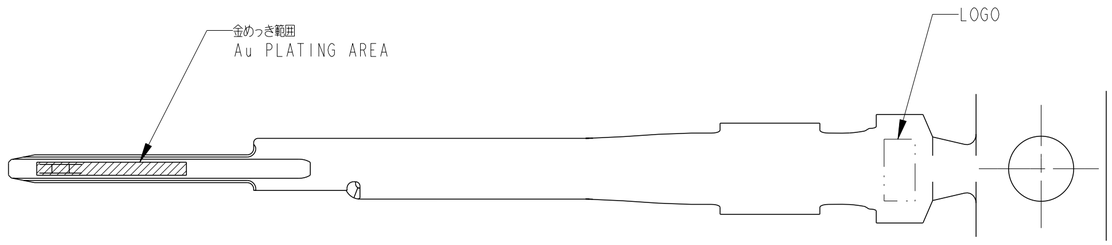
A-A



B-B

1. 適用電線; AVSS, AVSSH-f 0.3~0.5mm^2
CAVS, CAVUS 0.22~0.5mm^2
CHFUS 0.5mm^2
HFSS-f 0.5mm^2
2. アプリケータ送りピッチ; 7.5mm
3. バラ端子型番;
PRE-TIN; 1376607-1
SELECTIVE GOLD; 1376607-2

1. APPLICABLE WIRE RANGE;
AVSS, AVSSH-f 0.3~0.5mm^2
CAVS, CAVUS 0.22~0.5mm^2
CHFUS 0.5mm^2
HFSS-f 0.5mm^2
2. APPLICATOR FEED; 7.5mm
3. P/N OF LOOSE PIECE;
PRE-TIN; 1376607-1
SELECTIVE GOLD; 1376607-2



FINISH	PART NO.
SELECTIVE GOLD	1376109-2
PRE-TIN	1376109-1

WIRE RANGE 絶合電線断面積: 0.22~0.56mm^2
INSULATION DIA 被覆外径: Ø0.95~1.7

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: 単位: 粍 mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
一般公差; ±0.3
0 PLC ±-
1 PLC ±0.5
2 PLC ±0.13
3 PLC ±0.013
4 PLC ±0.0001
ANGLES ±3°

MATERIAL 材料: COPPER ALLOY
FINISH 仕上: SEE TABLE

DWN T.KOHNO 09-JUL-04
CHK N.SAI 09-JUL-04
APVD K.SHIMIZU 09-JUL-04
PRODUCT SPEC 製品規格: -
APPLICATION SPEC 取付適用規格: 114-5291
WEIGHT: 0.19g
Customer Drawing

TE Connectivity

NAME 名称: 025 TAB CONTACT

SIZE	CAGE CODE	DRAWING NO 番号	RESTRICTED TO
A2	00779	C-1376109	-

SCALE 尺度: 10:1 SHEET 1 OF 1 REV B

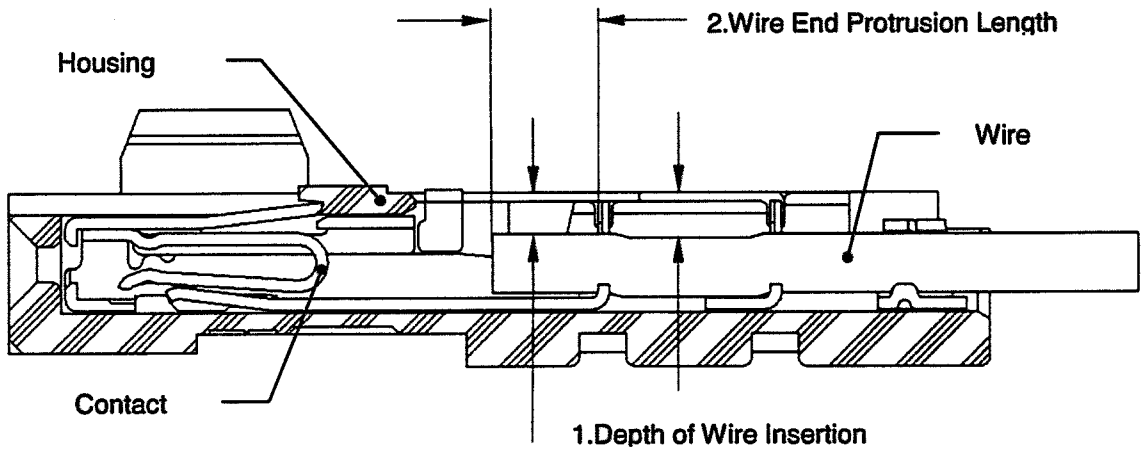
The performance of applicable product is guaranteed only when processed by proper application tooling described in this specification and/or AMP recognized ones.

1. Scope:

This specification covers the requirementes for Insulation Displacement Termination of 025 IDC Connectors.

2. Product Names and Part Numbers

2.1 Product Names



3.Wire End Insertion Depth

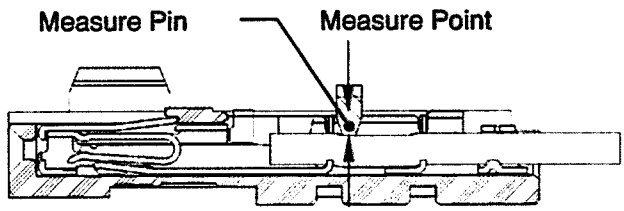
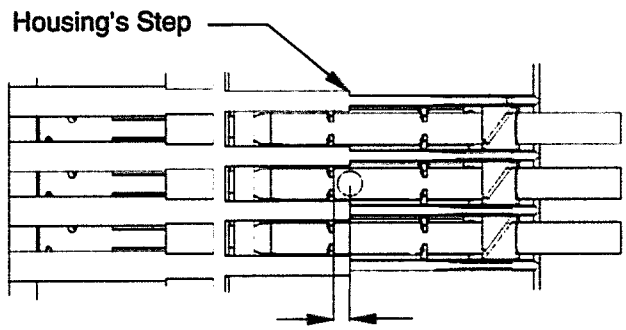
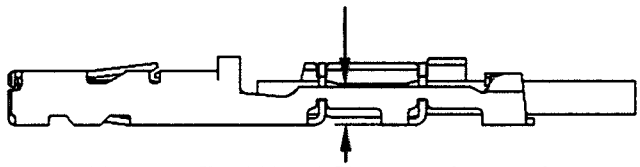
2.2 Part Numbers

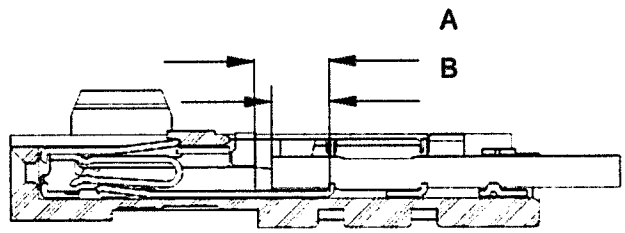
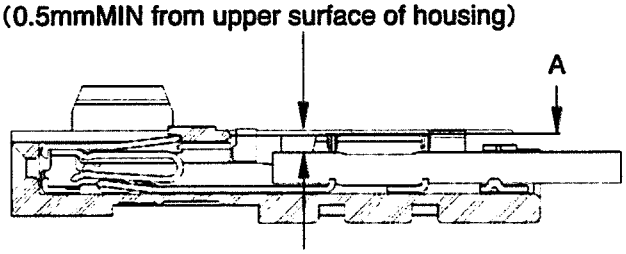
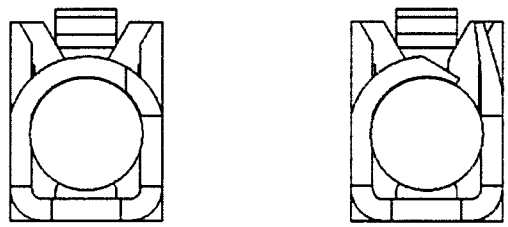
Name	Part Number*	Applicable Wire
8Positions Female Assembly	1318690	IDCUS,CAVUS, MCVUS 0.3~0.5mm^2
20Positions Female Assembly	1318691	

* Note : Part number is consisted from listed base number and 1 digit numeric prefix and suffix with dash. Refer to catalog or customer drawing for specific part numbers for each base number. When prefix is zero, zero and dash are omitted.

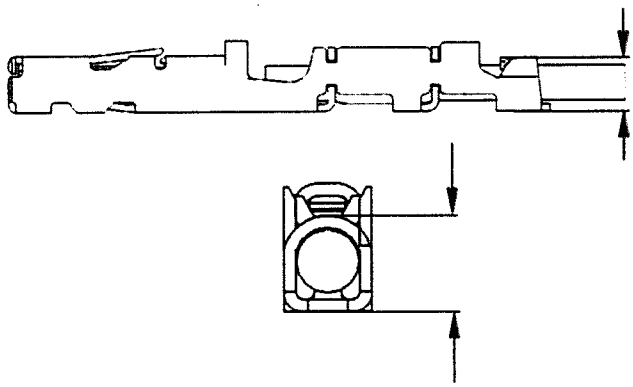
3.Requirement and Standard Criteria for Acceptance

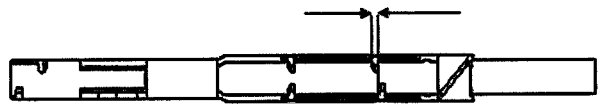
Note: For termination tooling call local AMP.

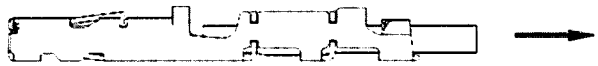
No.	Check Item	Requirement and Standard Criteria for Acceptance
1	Depth of Wire Insertion	Wire insertion depth shall be controlled within $0.7^{+0.3}_{0}$mm, when measured from the top edge of housing to the tool mark on the inserted wire.   Measure Point (0.7~1.1mm From Slot) Contact Only:$1.9^{0}_{-0.3}$mm From Bottom Surface  Note 1)Measure Tool Head Shapes、ϕ0.5~ϕ1mm Measure Pressure 1.96N MAX

No.	Check Item	Requirement and Standard Criteria for Acceptance
2	Wire End Protrusion Length	Wire Protrusion B size above the half with A size(1.5~3.0mm) 
3	Wire End Insertion Depth	Insulatoin of wire end shall be inserted lower than the A surface of housing. (0.5mmMIN from upper surface of housing) 
4	Exposure of Wire Conductor	Insulation is tightly closed OK  Broken hole of insulation NG 
5	Wire Retention over the Cavity	Inserted wires shall be retained in hold under insulation Barrel of the contact. Acceptable Rejectable  OK NG

<table>
<tr><th>No</th><th>Check Item</th><th>Requirement and Standard Criteria for Acceptance</th></tr>
<tr><td>6</td><td>Insulation Barrel Height</td><td>Barrel Height :1.8±0.1mm
But Item 9 tensile strength of wire termination satisfy.

(Reference)
<table>
<tr><th>Wire</th><th>Insulation Diameter mm</th><th>Barrel Height mm</th></tr>
<tr><td rowspan="2">0.3 mm²</td><td>φ1.10</td><td>$1.80^{+0.05}_{-0.10}$</td></tr>
<tr><td>φ1.15</td><td>$1.85^{+0.05}_{-0.10}$</td></tr>
<tr><td rowspan="2">0.5 mm²</td><td>φ1.30</td><td>$1.80^{+0.05}_{-0.10}$</td></tr>
<tr><td>φ1.35</td><td>$1.85^{+0.05}_{-0.10}$</td></tr>
</table>


Note: Measure at Caliper</td></tr>
<tr><td>7</td><td>Position Uniformity of Upper Edges of Contact Slot.</td><td>After termination, deviation not exceeding Contact thickness(0.25mm)is allowable.
  </td></tr>
<tr><td>8</td><td>Damage of Contact and Housing</td><td>After termination, contact slot shall appear intact without evidence of tool mark of insertion tooling. However, tool mark and scraping on contact insulation Barrel shall be allowable.
(Plated surface is not peeled off)</td></tr>
</table>

No	Check Item	Requirement and Standard Criteria for Acceptance
9	Tensile strength of wire termination	0.3 mm^2=55N MIN 0.5 mm^2=80N MIN -Procedures- Measure the force. Operation Speed : 100mm/min. Horizontal Direction 
10	After termination, opening of contact	After termination, about the opening of contact permits the range which doesn't bring about hinderance to mating-unmating contact.
11	Others	Any contact once terminated, shall be not reused.

4.Applicable Wire

Wire Size	No of conductors/ Diameter of a Conductor	Calculated Cross-sectional Are (mm^2)	Insulation Diameter (mm)	
			Nominal	Max
IDCUS,CAVUS,MCVUS 0.3 mm^2	7/0.26	0.37	1.1	1.2
IDCUS,CAVUS,MCVUS 0.5 mm^2	7/0.32	0.56	1.3	1.4