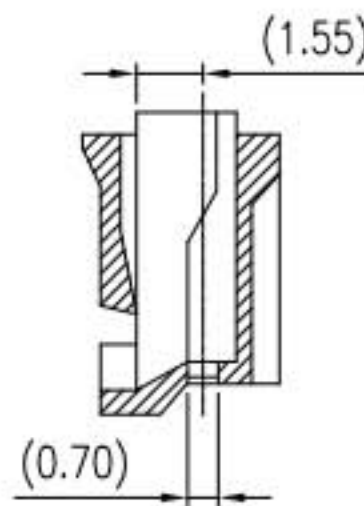
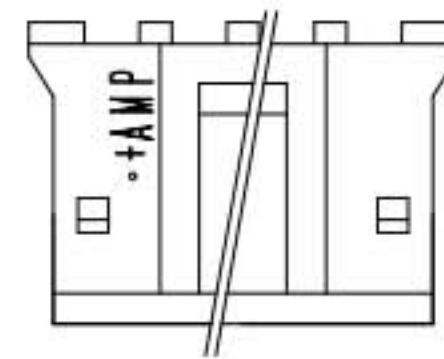
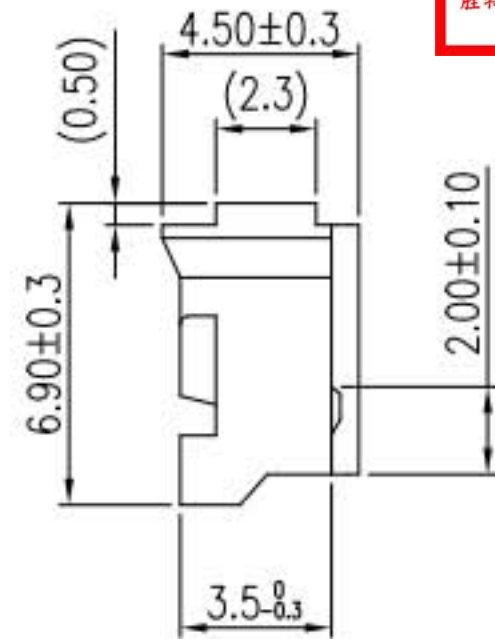
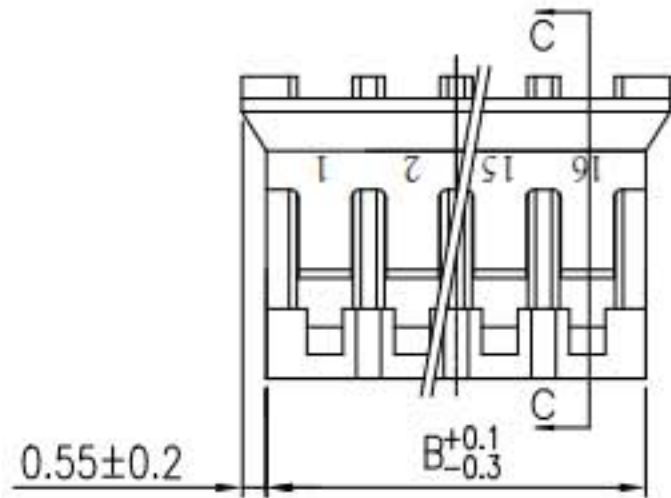
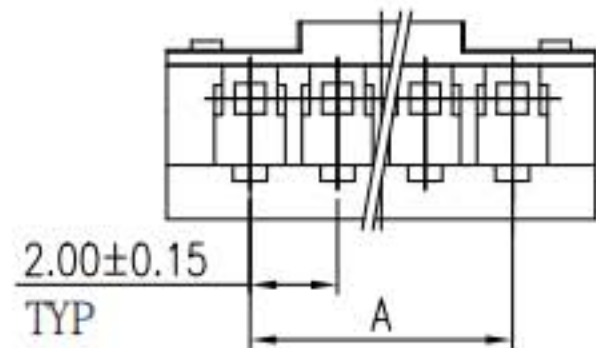


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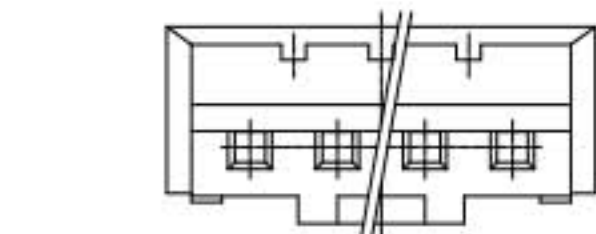
1. MATERIAL:

HOUSING: THERMOPLASTIC, UL94V-0, COLOR:SEE TABLE.

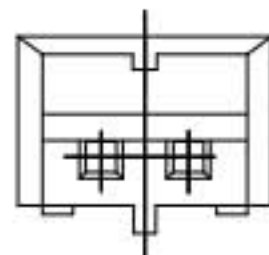
勝特力電材超市-龍山店 886-3-5773766
 勝特力電材超市-光復店 886-3-5729570
 勝特力電子(上海) 86-21-34970699
 勝特力電子(深圳) 86-755-83298787
<http://www.100y.com.tw>



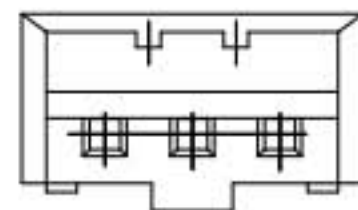
SEC. C-C



4P~16P



2P



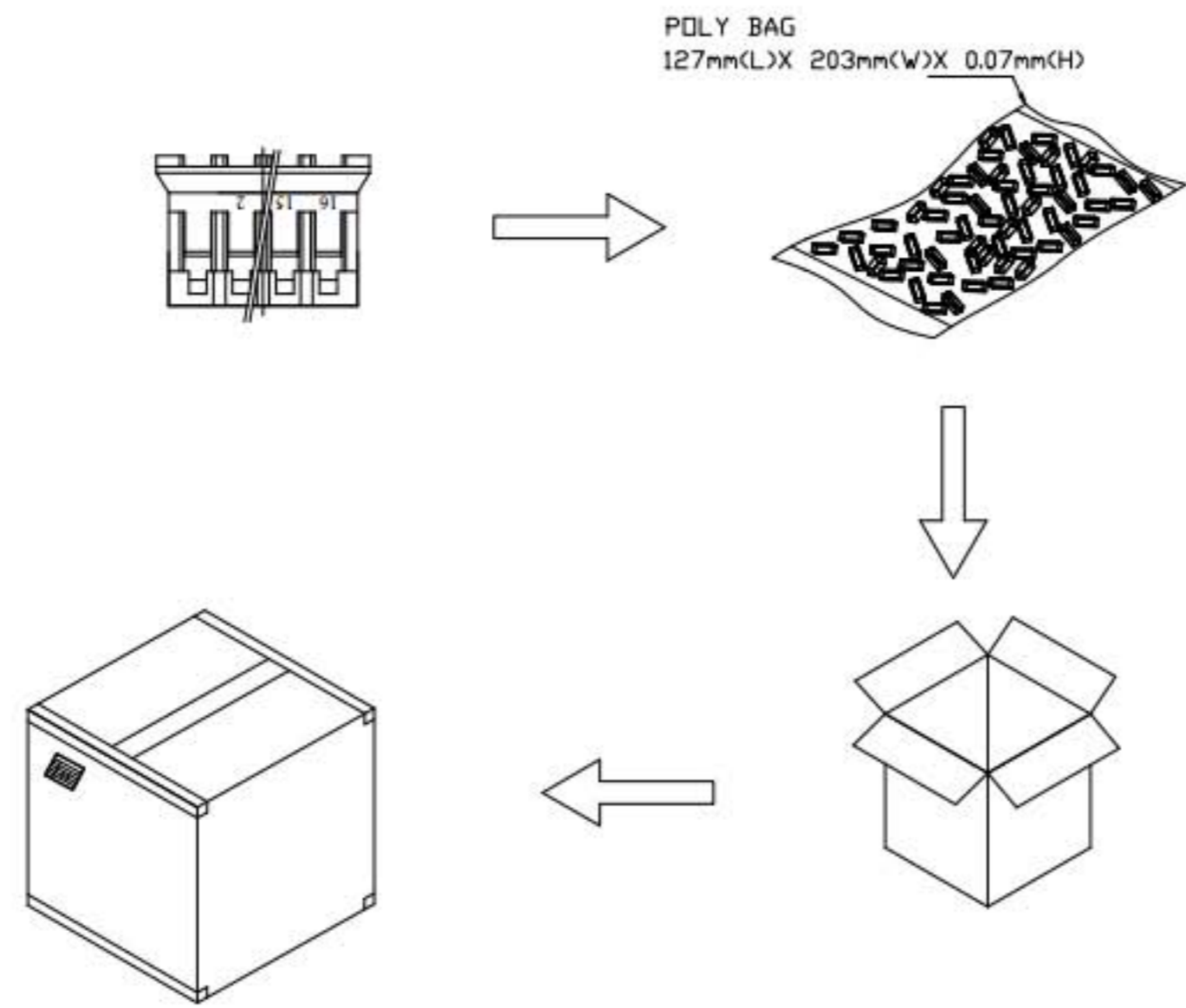
3P

COLOR	B	A	POS	PART NUMBER	COLOR	B	A	POS	PART NUMBER	
RED	24.80	22.00	12P	8-440129-1	RED	10.70	8.00	5P	7-440129-5	
RED	16.80	14.00	8P	8-440129-8		22.80	20.00	11P	9-440129-1	
						10.70	8.00	5P	9-440129-5	
					BLACK	8.70	6.00	4P	9-440129-4	
						6.70	4.00	3P	9-440129-3	
						10.70	8.00	5P	8-440129-5	
					YELLOW	8.70	6.00	4P	8-440129-4	
						6.70	4.00	3P	8-440129-3	
						4.70	2.00	2P	8-440129-2	
						10.70	8.00	5P	6-440129-5	
						8.70	6.00	4P	6-440129-4	
						6.70	4.00	3P	6-440129-3	
						4.70	2.00	2P	6-440129-2	
						24.80	22.00	12P	5-440129-2	
						22.80	20.00	11P	5-440129-1	
						20.80	18.00	10P	5-440129-0	
					BLUE	18.80	16.00	9P	4-440129-9	
						16.80	14.00	8P	4-440129-8	
						14.80	12.00	7P	4-440129-7	
						12.70	10.00	6P	4-440129-6	
						10.70	8.00	5P	4-440129-5	
						8.70	6.00	4P	4-440129-4	
						6.70	4.00	3P	4-440129-3	
						4.70	2.00	2P	4-440129-2	
BLUE	18.80	16.00	9P	2-440129-9		NATURAL	10.70	8.00	5P	2-440129-5
BLUE	16.80	14.00	8P	2-440129-8			8.70	6.00	4P	2-440129-4
					6.70		4.00	3P	2-440129-3	
					4.70		2.00	2P	2-440129-2	
					32.80		30.00	16P	1-440129-6	
					30.80		28.00	15P	1-440129-5	
					28.80		26.00	14P	1-440129-4	
					26.80		24.00	13P	1-440129-3	
					24.80		22.00	12P	1-440129-2	
					22.80		20.00	11P	1-440129-1	
					20.80	18.00	10P	1-440129-0		
					18.80	16.00	9P	440129-9		
					16.80	14.00	8P	440129-8		
					14.80	12.00	7P	440129-7		
					12.70	10.00	6P	440129-6		
					10.70	8.00	5P	440129-5		
					8.70	6.00	4P	440129-4		
					6.70	4.00	3P	440129-3		
					4.70	2.00	2P	440129-2		

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 0.3 1 PLC ± 0.25 2 PLC ± 0.15 3 PLC ± 0.05 4 PLC ± - ANGLES ± -	DWN Tommy Qian 17OCT2018	TE Connectivity Ltd.
		CHK Wenke He 17OCT2018	
		APVD Wenke He 17OCT2018	
MATERIAL	FINISH	PRODUCT SPEC	NAME 2.0MM PITCH HPI CRIMP HOUSING
		APPLICATION SPEC	SIZE A3
		WEIGHT	CAGE CODE 00779
			DRAWING NO C=440129
			RESTRICTED TO

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



CARTON
 320mm(L)x220mm(W)x140mm(H)
 (FOR HEADER 2P-5P ONLY)
 340mm(L)x470mm(W)x316mm(H)
 (FOR HEADER 6P-16P ONLY)

APQ (PCS/CARTON)	PPQ (PCS/BAG)	POS	PART NUMBER	APQ (PCS/CARTON)	PPQ (PCS/BAG)	POS	PART NUMBER
30,000	1,000	12P	8-440129-1	15,000	1,000	5P	7-440129-5
50,000	1,000	8P	8-440129-8	35,000	1,000	11P	9-440129-1
				15,000	1,000	5P	9-440129-5
				36,000	2,000	4P	9-440129-4
				20,000	1,000	3P	9-440129-3
				15,000	1,000	5P	8-440129-5
				18,000	1,000	4P	8-440129-4
				20,000	1,000	3P	8-440129-3
				36,000	2,000	2P	8-440129-2
				15,000	1,000	5P	6-440129-5
				18,000	1,000	4P	6-440129-4
				20,000	1,000	3P	6-440129-3
				36,000	2,000	2P	6-440129-2
				30,000	1,000	12P	5-440129-2
				35,000	1,000	11P	5-440129-1
				40,000	1,000	10P	5-440129-0
				45,000	1,000	9P	4-440129-9
				50,000	1,000	8P	4-440129-8
				10,000	1,000	7P	4-440129-7
				12,000	1,000	6P	4-440129-6
				15,000	1,000	5P	4-440129-5
				18,000	1,000	4P	4-440129-4
				20,000	1,000	3P	4-440129-3
				36,000	2,000	2P	4-440129-2
				15,000	1,000	5P	2-440129-5
				18,000	1,000	4P	2-440129-4
45,000	1,000	9P	2-440129-9	20,000	1,000	3P	2-440129-3
50,000	1,000	8P	2-440129-8	36,000	2,000	2P	2-440129-2
				25,000	1,000	16P	1-440129-6
				25,000	1,000	15P	1-440129-5
				25,000	1,000	14P	1-440129-4
				30,000	1,000	13P	1-440129-3
				30,000	1,000	12P	1-440129-2
				35,000	1,000	11P	1-440129-1
				40,000	1,000	10P	1-440129-0
				45,000	1,000	9P	440129-9
				50,000	1,000	8P	440129-8
				10,000	1,000	7P	440129-7
				12,000	1,000	6P	440129-6
				15,000	1,000	5P	440129-5
				18,000	1,000	4P	440129-4
				20,000	1,000	3P	440129-3
				36,000	2,000	2P	440129-2

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 17OCT2018 Tommy Qian		TE Connectivity Ltd.	
CHK 17OCT2018 Wenke He		APVD 17OCT2018 Wenke He			
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 0.3 1 PLC ± 0.25 2 PLC ± 0.15 3 PLC ± 0.05 4 PLC ± - ANGLES ± -		NAME 2.0MM PITCH HPI CRIMP HOUSING	
MATERIAL		FINISH		SIZE CAGE CODE DRAWING NO A3 00779 C=440129	
WEIGHT		-		RESTRICTED TO	

1. Scope :

This specification covers the requirements for crimping of 2.0mm pitch HPI (High Performance Interconnect Wire-To-Board System) Connector (Crimp Type) for applicator and manually operated hand tool.

2. Applicable Connectors

Contact Form	Product Part Number	Crimping Tool	Wire Size (SQ mm)	Ins. Diameter (mm)
Strip Terminal	440132-1 1735801-1	Applicator	0.05 ~ 0.22mm ² (AWG #30 ~ #24)	φ0.9 ~ φ1.5mm

3. Nomenclature

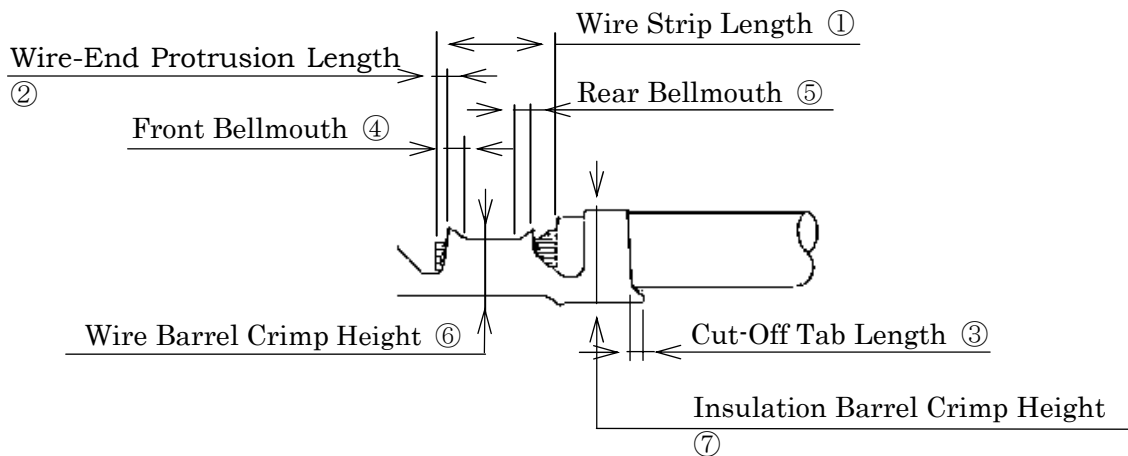
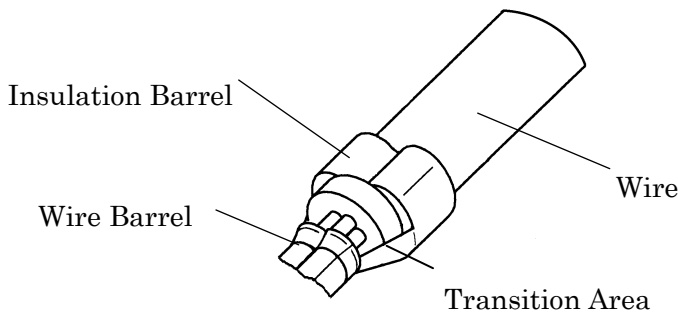
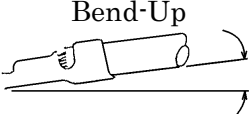
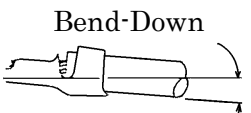
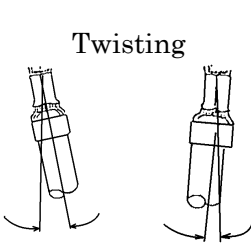
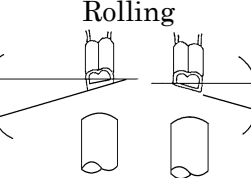


Fig.1

4. Crimping Requirement

No.	Check Items		Crimping Requirements		Remarks
			Applicator	Hand Tool	
1	Wire Strip Length		1.9 ~ 2.5 mm		Fig.1-①
2	Wire-End Protrusion Length		0.3 ~ 0.6 mm		Fig.1-②
3	Cut-Off Tab Length		0 ~ 0.5 mm		Fig.1-③
4	Bellmouth	Front	Front bellmouth can be visible.		Fig.1-④
		Rear	0.1 ~ 0.3 mm		Fig.1-⑤
5	Wire Barrel Crimp		Refer Table.1		Fig.1-⑥
6	Insulation Barrel		1.7 mm Max. (Measure by Insulation Barrel area)		Fig.1-⑦
7	Insulation Barrel Crimp Height		Refer Table.1		Fig.1-⑧
8	Allowable Deviation after Crimping		6° Max.	6° Max.	
9			6° Max.	6° Max.	
10			5° Max.	5° Max.	
			5° Max.	5° Max.	
11			7° Max.	7° Max.	

Tool mark is allowable at crimped areas and transition areas only.

5. Crimping Data

Table.1

Contact Part Number	Applicator Part Number	Wire Size		Insulation Strip Length	Wire Barrel		Insulation Barrel	Finished Insulation Diameter
		Number of Wire	Size		Crimp Width	Crimp Height	Crimp Height	
440132-1 1735801-1	1463116-2	1	0.22mm ² (#24)	1.9~ 2.5mm	1.32mm "F"	0.62~0.67mm	1.7mm Max.	φ0.9mm ~ φ1.5mm
		1	0.14mm ² (#26)			0.57~0.62mm		
		1	0.08mm ² (#28)			0.55~0.60mm		
		1	0.05mm ² (#30)			0.52~0.57mm		

Table.2

Wire Size		Crimp Tensile Strength
mm ²	AWG	N (kgf) Min.
0.22	24	29.4 (3.0)
0.14	26	19.6 (2.0)
0.08	28	9.8 (1.0)
0.05	30	7.8 (0.8)

Note

- 1.Tool mark is allowable at crimped areas and transition areas only.
- 2.The dimensions of crimp width of wire barrel and insulation barrel are the dimensions of crimping tool.

6. Example of Applicable wire

Table.3

Wire Size	Insulation Diameter (mm)	Applicable Wire
AWG#30~24	0.9~1.5	UL-1007

All wires, including the above mentioned, need to be approved prior to usage.

7. Validation

Prepared by :
Jerry Cheng

Reviewed by :
Kubouchi Shigeru

Approved by :
Jebb Wu

C	Revised		24-AUG-11			
B	Revised (FW00-0017-01)		19-FEB-01			
A	Revised (FW00-0092-00)		27-NOV-00			
O	Released (FW00-0059-00)		27-OCT-00			
LTR	Revision Record		Date	Prepared.by	Reviwed by	Approved by