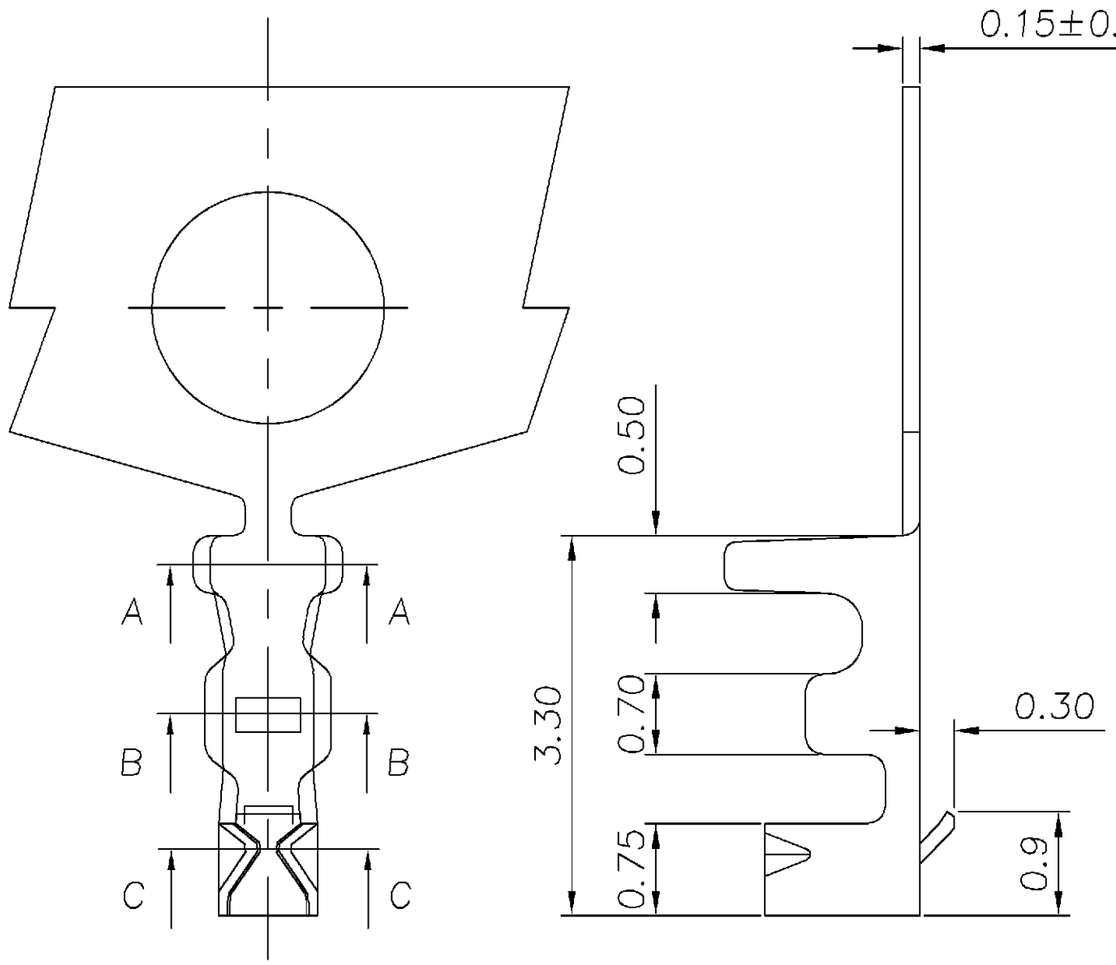
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勝特力電材超市-光復店 886-3-5729570
胜特力电子(上海) 86-21-34970699
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http://www.100y.com.tw

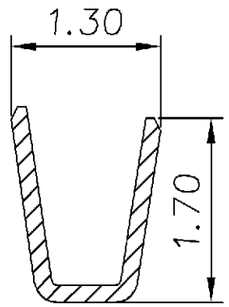
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3RD ANGLE PROJECTION

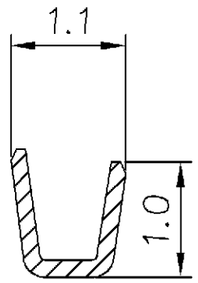
METRIC

DIMENSIONS IN MILLIMETERS. DO NOT SCALE PRINT.

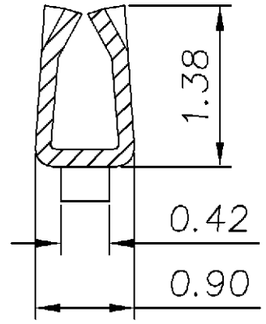




SEC A–A



SEC B–B



SEC C–C

NOTE:
1. MATERIAL:
   TERMINAL: PHOSPHOR BRONZE, THICKNESS=0.2mm.
2. FINISH:
   TERMINAL: 2.0um MIN. TIN(MATTE) PLATE OVER 0.75um MIN. NICKEL UNDERPLATE OVER ALL.
3. APPLY HOUSING PART NO: X-440146-X.
4. APPLICATION SPECIFICATION: 114-57016.
5. APPLICABLE WIRE RANGE: AWG #28-#32.

LTR	REVISION RECORD	ECO	DWN / CHK	DATE
P		REVISED PER ECO-11-005301	RK / HMR	5APR11

TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.15 2 PLC ±0.10 3 PLC ±0.05 ANGLES ±3°	DWN O. HU 05-JUL-2004
	CHK S. HOU 05-JUL-2004
MATERIAL SEE NOTE	APVD T. KE 05-JUL-2004
	PRODUCT SPEC 108-57225
FINISH SEE NOTE	QUALIFICATION TEST REPORT 501-57229
	WEIGHT

TE Connectivity

NAME: WIRE TO BOARD SOCKET, TERMINAL

LOC	SIZE	DRAWING NO	REV
DW	A3	C-1734193	P

SCALE	SHEET
--	1 OF 2

1734193-1

PART NUMBER

PRINT DIST DW

CUSTOMER DRAWING

NUMBER C-1734193

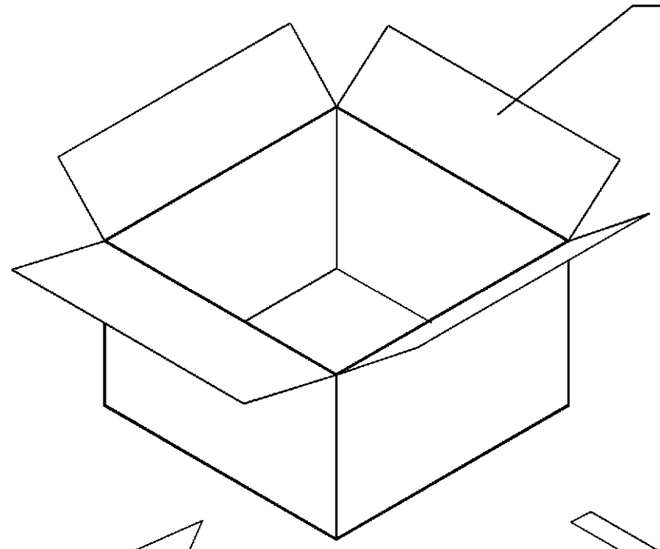
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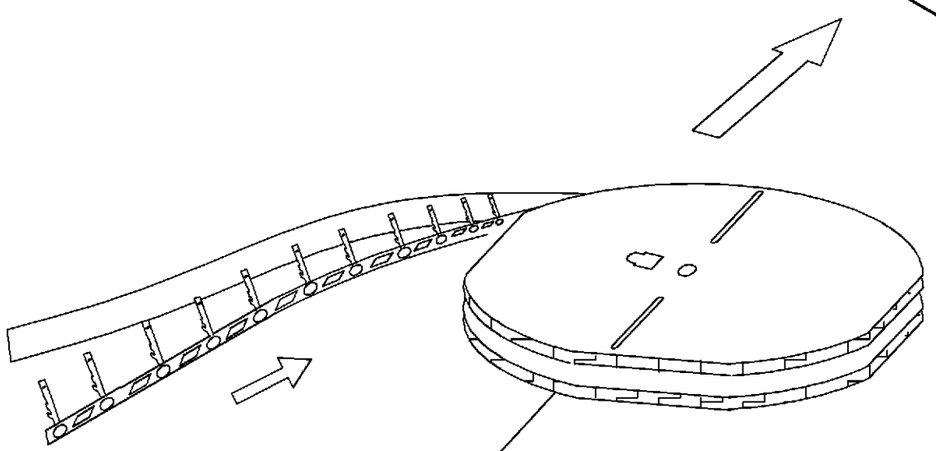
METRIC

DIMENSIONS IN MILLIMETERS. DO NOT SCALE PRINT.

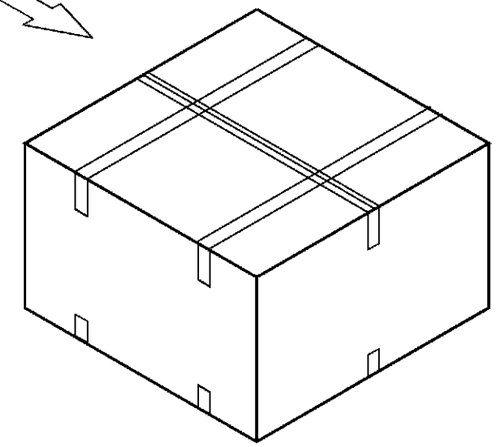
PRINT DIST DW

CARTON
590mm(L)X 590mm(W)X 115mm(H)
80,000 TERMINALS / CARTON





REEL
DIAMETER: ø580mm.
20,000 TERMINALS / REEL



LTR	REVISION RECORD	SEE SHEET 1. ECO	DWN	CHK	DATE

TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.15 2 PLC ±0.10 3 PLC ±0.05 ANGLES ±3°	DWN O. HU 05-JUL-2004
	CHK S. HOU 05-JUL-2004
MATERIAL SEE NOTE	APVD T. KE 05-JUL-2004
	PRODUCT SPEC
FINISH SEE NOTE	QUALIFICATION TEST REPORT
	WEIGHT

TE Connectivity

NAME
WIRE TO BOARD SOCKET, TERMINAL

LOC	SIZE	DRAWING NO	REV
DW	A3	C-1734193	P

SCALE	SHEET
--	2 OF 2

CUSTOMER DRAWING

8 7 6 5 4 3 2 1

D C B A

Pitch 1.25mm, Economic Metric Interconnect Series, Wire-To-Board System.

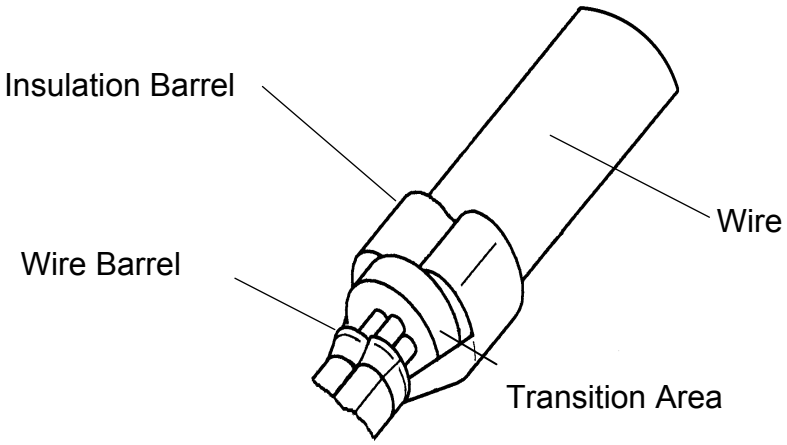
1. SCOPE

This specification covers the requirements for crimping of Pitch 1.25mm, Economic Metric Interconnect Series, Crimp Type, Wire-To-Board System Connector. These requirements are applicable to specific tools. For specific wire and products covers in this specification refer to the appropriate Tyco customer drawing.

2. APPLICABLE PRODUCT

Contact Form	Product Part Number	Crimping Tool	Wire Size (SQ mm)	Ins. Diameter (mm)
Strip Terminal	X-440147-X	Applicator	0.03 ～ 0.08mm^2 (AWG #32 ～ #28)	φ0.9 ～ φ1.0mm

3. NOMENCLATURE



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| Indicates change

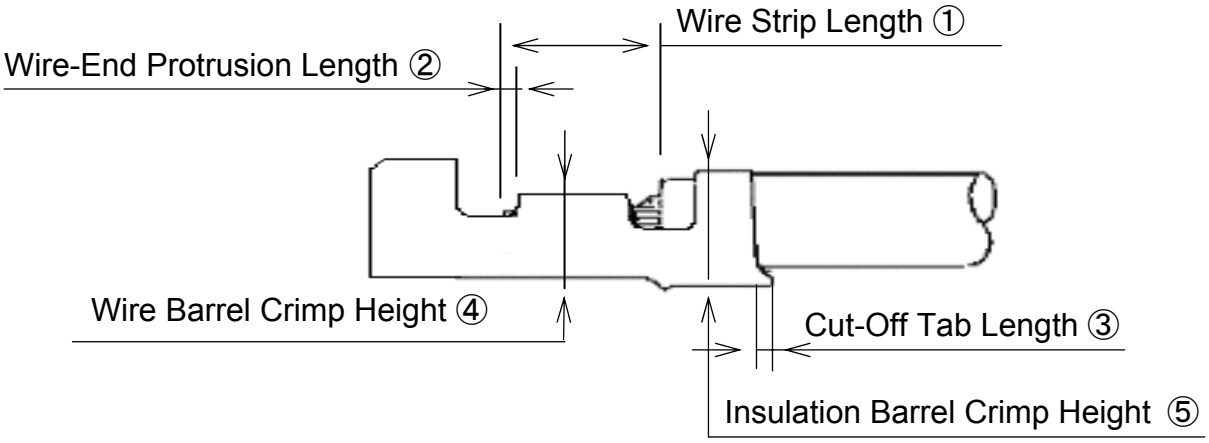
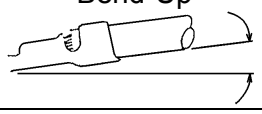
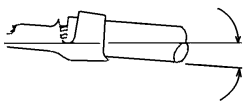
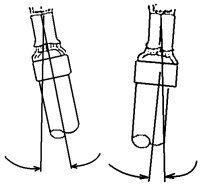
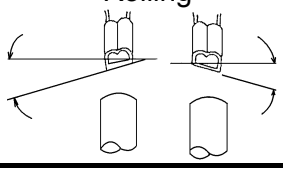


FIG 1.

4. CRIMPING REQUIREMENT

No.	Check Items		Crimping Requirements		Remarks
			Applicator	Hand Tool	
1	Wire Strip Length		0.9 ～ 1.3 mm		Fig.1－①
2	Wire-End Protrusion Length		0.1 ～ 1.3 mm		Fig.1－②
3	Cut-Off Tab Length		0.0 ～ 0.2 mm		Fig.1－③
4	Wire Barrel Crimp		Refer Table.1		Fig.1－④
5	Insulation Barrel Crimp Height		Refer Table.1		Fig.1－⑤
6	Allowable Deviation after Crimping	Bend-Up 	6°Max.	6°Max.	
7		Bend-Down 	6°Max.	6°Max.	

8		Twisting 	5°Max.	5°Max.	
9		Rolling 	7°Max.	7°Max.	

5. CRIMPING DATA

Table.1

Contact Part Number	Applicator Part Number	Wire Size		Insulation Barrel		Wire Barrel	
		Number of Wire	Size	Crimp Height (A)	Crimp Width (B)	Crimp Height (C)	Crimp Width (D)
X-440147-X	N/A	1	0.08mm^2 (#28)	1.25mm	0.9~1.0mm	0.51~0.56mm	0.80mm
		1	0.05mm^2 (#30)	1.17mm	0.9~1.0mm	0.48~0.53mm	0.80mm
		1	0.03mm^2 (#32)	1.00mm	0.9~1.0mm	0.46~0.51mm	0.80mm

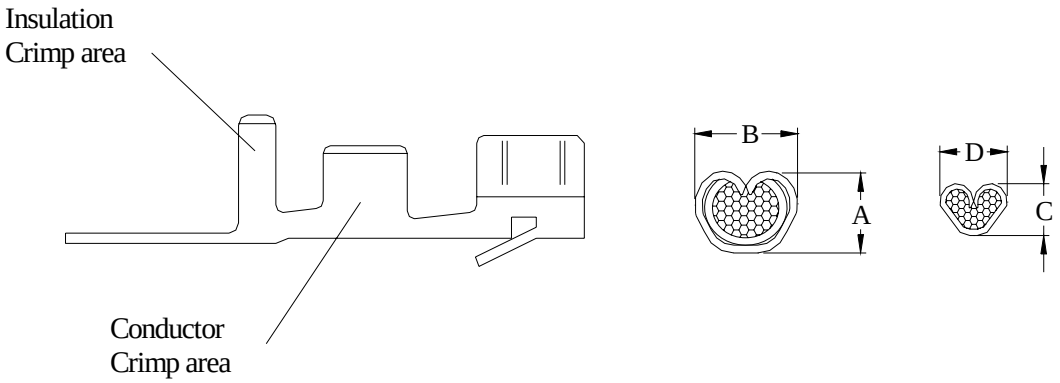


Table.2

Wire Size		Crimp Tensile Strength
MM ^{2}	AWG#	N (kgf) Min.
0.08	28	14.7 (1.5)
0.05	30	9.80(1.0)
0.03	32	4.90(0.5)

Note: (a) Tool mark is allowable at crimped areas and transition areas only.
(b) The dimensions of crimp width of wire barrel and insulation barrel are the dimensions of crimpting tool.