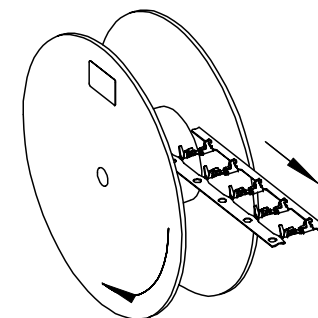
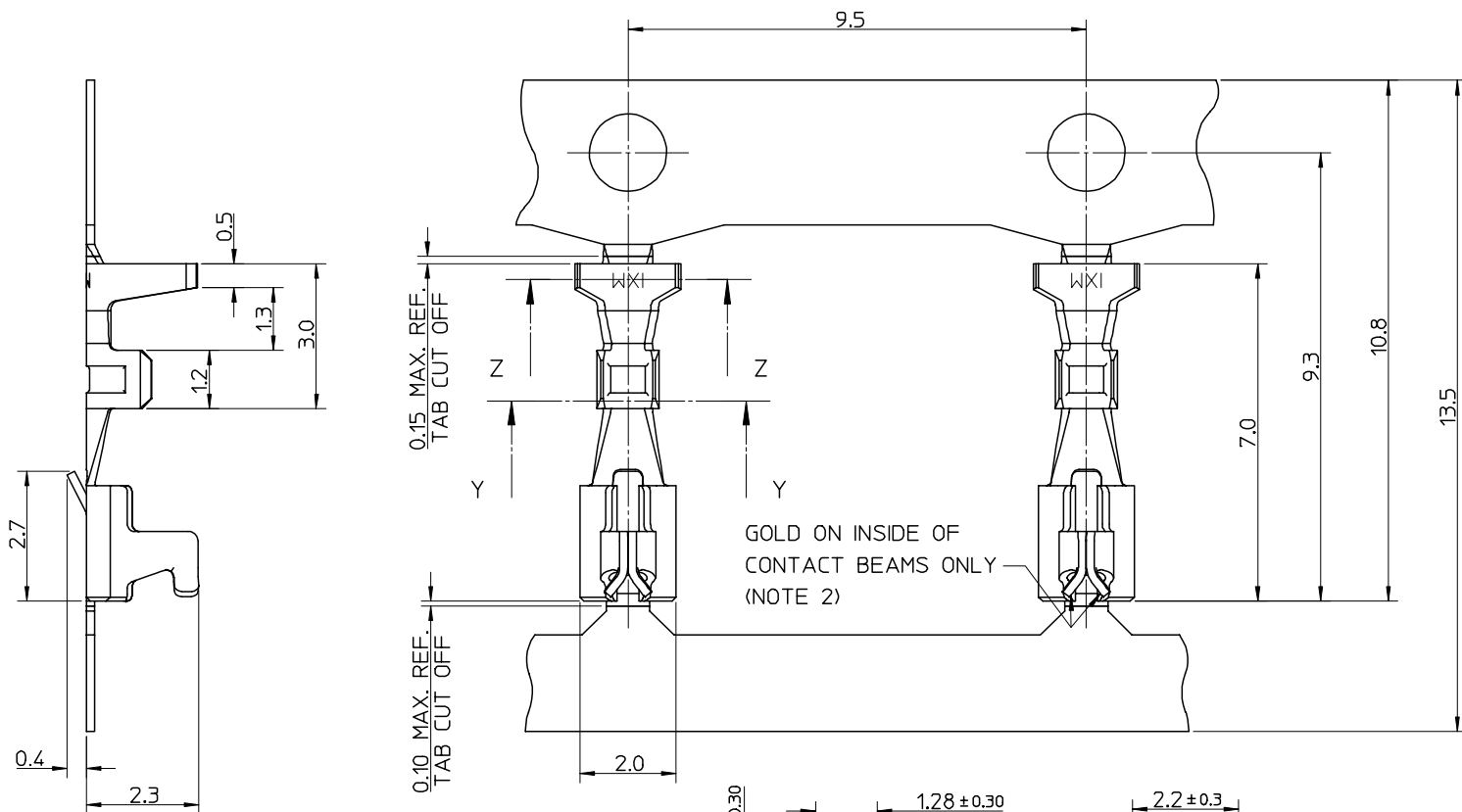




UN-REELING
DIRECTION

PART NO.	FORM	PLATING (NOTE 2)
91821-0001	REEL	TIN
91821-0003	REEL	GOLD

NOTES:

1. MATERAIL:

PHOSPHOR BRONZE, THICKNESS 0.17 REF.

2. PLATING:

TIN: 3um MIN PURE TIN.

GOLD: 1.27 MIN NICKEL UNDERCOAT AND
0.76UM MIN GOLD IN CONTACT AREA.

3. CONFORMS TO PRODUCT SPECIFICATION PS-99020-0011.

4. SEE CRIMP SPECIFICATION CS-91821-001.

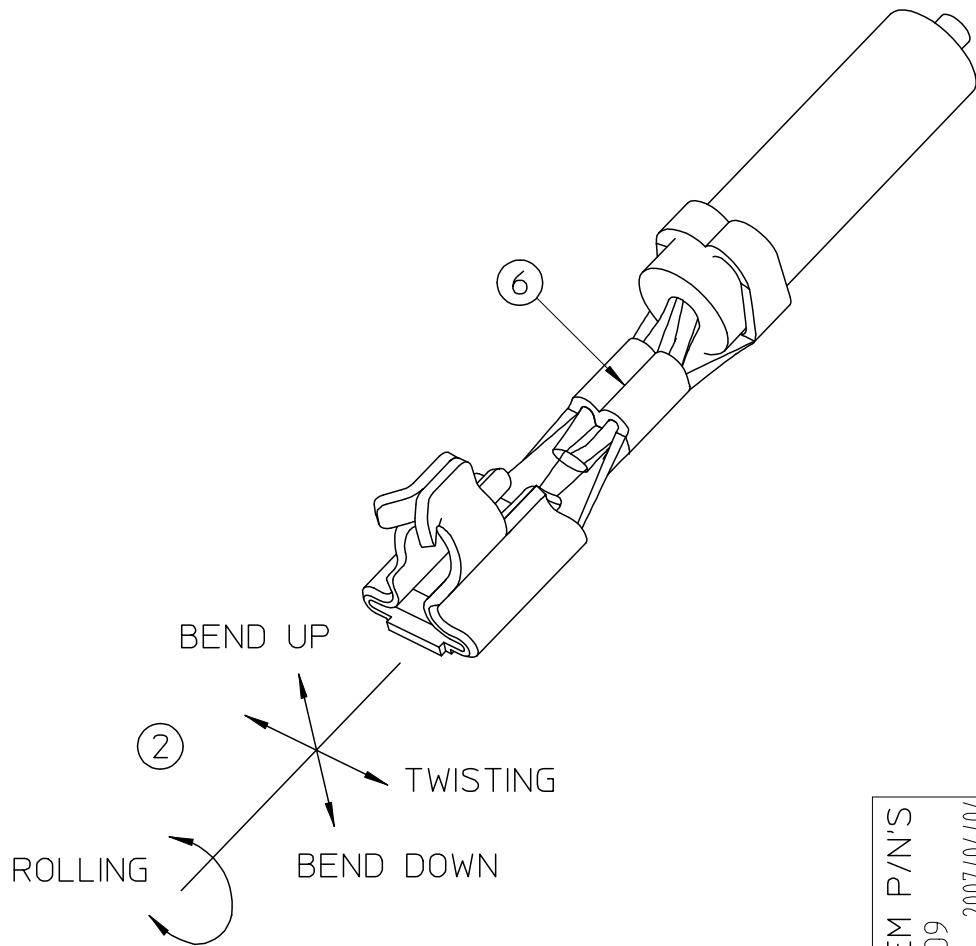
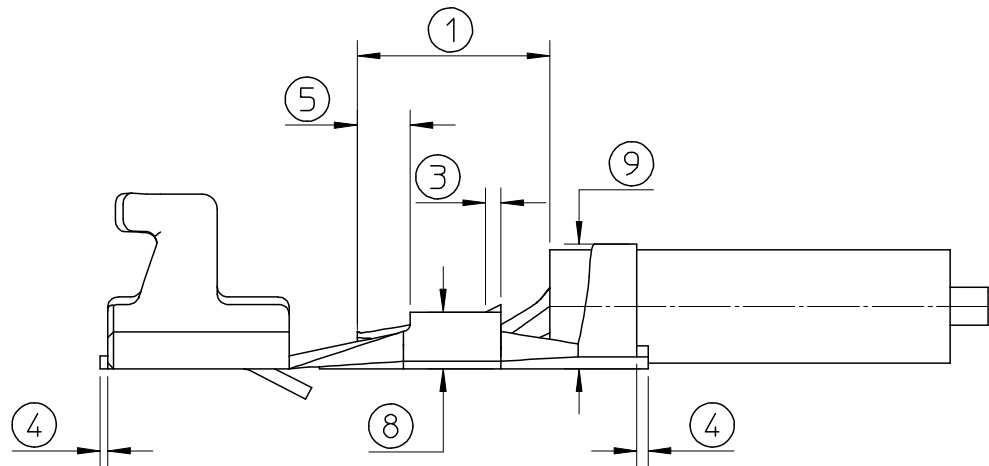
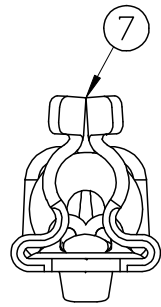
5. APPLICABLE WIRE 24, 26 AND 28AWG.

6. INSULATION DIAMETER 1.5mm MAX.

7. USE WITH HOUSING SERIES 91935, SEE SD-91935-001.

8. SEE PACKAGING SPECIFICATION PK-91821-001.

REV DSGN/REM P/N'S			QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
EC NO: E2006-1109			▼=0		mm			DRAWN BY JDENNEHY		DATE 2006/02/27	TITLE PICOFLEX DISCRETE WIRE CRIMP TERMINAL ROHS COMPLIANT		
DRAWN: JDENNEHY 2007/04/04			▽=0		INCH			CHECKED BY JDENNEHY		DATE 2006/02/28			
CHKD: DWASZKIEWICZ 2007/04/04					3 PLACES ± --- ± ---			DWASZKIEWICZ		2006/02/28	MOLEX	MOLEX INCORPORATED	
APPR: JDENNEHY 2007/04/04					2 PLACES ± 0.15 ± ---			APPROVED BY JDENNEHY		DATE 2006/02/28			
					1 PLACE ± 0.25 ± ---						DOCUMENT NO.	SD-91821-001	SHEET NO.
					ANGULAR ± 2 °			MATERIAL NO.					1 OF 1
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								SIZE A3		SEE CHART			



SCOPE	PART NUMBERS	WIRE SIZE		INSULATION DIAMETER (mm)
		AWG	SQ.mm	
	91821-0001 91821-0003	28 - 24	0.09 - 0.2	0.9 - 1.5

SPECIFICATIONS	ITEM NO.	ITEM DESCRIPTION	REQUIREMENT
	①	INSULATION STRIP LENGTH	2.0mm - 2.5mm
	②	BEND UP	3° MAX.
		BEND DOWN	3° MAX.
		TWISTING	3° MAX.
		ROLLING	8° MAX.
	③	BELL MOUTH (FLARE)	0.2mm - 0.4mm
	④	TAB CUT-OFF LENGTH	0.15mm MAX. ON CRIMP SIDE (NO BURR) 0.10mm MAX. ON CONTACT SIDE (NO BURR)
	⑤	WIRE PROTRUSION	0.2mm - 0.7mm
	⑥	SEAM	SEAM SHALL BE CLOSED WITH NO WIRES PROTRUDING
	⑦	CONTACT TIP	NO GAP ALLOWED BETWEEN CONTACTS

CONDITIONS	WIRE SIZE (AWG)	ITEM NO. ⑧ WIRE CRIMP HEIGHT	ITEM NO. ⑨ INSULATION CRIMP HEIGHT	CRIMP STRENGTH (N)
	24	0.76 - 0.81	1.65 MAX.	30 MIN.
	26	0.69 - 0.74	1.65 MAX.	20 MIN.
	28	0.66 - 0.71	1.65 MAX.	10 MIN.

NOTES:
1. SEE SALES DRAWING SD-91821-001.
2. CONFORMS TO PRODUCT SPECIFICATION PS-99020-0011.

REV DSGN/REM P/N'S EC NO: E2006-1109 DRWN: JDENNEHY 2007/04/04 CHKD: DWASZKIEWICZ 2007/04/04 APPR: JDENNEHY 2007/04/04				DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
B	REV	 =0  =0			mm	INCH	DRAWN BY JDENNEHY	DATE 2006/03/08	TITLE PICO FLEX DISCRETE WIRE CRIMP SPECIFICATION					
			4 PLACES		± ---	± ---	CHECKED BY DWASZKIEWICZ	DATE 2006/03/10						
			3 PLACES		± ---	± ---	APPROVED BY JDENNEHY	DATE 2006/03/10	MOLEX INCORPORATED					
			2 PLACES		± ---	± ---								
			1 PLACE		± ---	± ---	MATERIAL NO.	DOCUMENT NO.	SHEET NO.					
			ANGULAR ± ---°		SEE CHART	CS-91821-001	1 OF 1							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												



PACKAGING SPECIFICATION

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A	EC No: E2006-0072 DATE: 08/12/2006	91935 PICO FLEX DISCRETE WIRE CRIMP HOUSING	1 of 4
DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
PK-91935-001	J. Dennehy	D. Waszkiewicz	J. Dennehy



PACKAGING SPECIFICATION

1.0 SCOPE

This standard specifies the general requirements for the packaging of Picoflex crimp housings, series 91935.

2.0 PURPOSE

The purpose of this specification is to assure that all 91935 product shipped from Molex arrives damage free and in a manner that allows ease of handling, storage and distribution.

3.0 GENERAL

The shipping weight for a box from Molex should not exceed 15 kgs.
The recommended carton closure is tape.
Bubble wrap may be used to fill up excess space in a carton.

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DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
PK-91935-001	J. Dennehy	D. Waszkiewicz	J. Dennehy



PACKAGING SPECIFICATION

4.0 PACKAGING OF HOUSINGS

The housings are packaged in a polyethylene bag, part no. 9999-0136, and the bag heat-sealed at both ends.

The full bags are placed in a cardboard carton, part no. 96707-0007. The carton is closed with tape.

Partial bag quantities are not allowed. Partial box quantities are allowed to the nearest number of full bags.

See Table 1 for packaging quantities of each circuit size.

See Table 2 for Bill Of Materials.

TABLE 1

Housing Part No.	Quantity of Housings per Bag	Quantity of Bags per Box	Quantity of Housings per Box
91935-9004	1,000	12	12,000
91935-9006	750	12	12,000
91935-9008	750	12	9,000
91935-9010	750	12	9,000
91935-9012	750	12	9,000
91935-9014	500	12	6,000
91935-9016	500	12	6,000
91935-9018	250	12	3,000
91935-9020	250	12	3,000
91935-9022	250	12	3,000
91935-9024	250	12	3,000
91935-9026	250	12	3,000

TABLE 2

Item	Description	Part Number	Quantity
1	CARTON	96707-0007	1
2	POLYETHYLENE BAG	9999-0136	12
3	HOUSING	91935-90**	See TABLE 1

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PK-91935-001	J. Dennehy	D. Waszkiewicz	J. Dennehy



PACKAGING SPECIFICATION

5.0 LABELLING

The labels used are standard Molex Ireland labels and measure 127.0 x 76.2 mm, see Fig.1.

Labels are placed on the bags and cartons.

Fig.1

(P) PART NUMBER	0919359004	
DESCRIPTION	4CKT PICO FLEX DISCRETE WIRE HSG	
(Q) QUANTITY	1000	
(12D) INV CTRL DATE	2006/08/15	
(4L) COUNTRY OF ORIGIN	Ireland	
(S) TRACKING NO		
ELV and RoHS Compliant		
Packing Standards	1000/12000	INNER
Eng.Nr.	919359004	1/12
Molex P/N (P)	0919359004	
		www.molex.com
Molex Ireland Ltd., Shannon Industrial Estate, Shannon, Co.Clare, Ireland		

REVISION:	ECR/ECN INFORMATION:	TITLE:	SHEET No.
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PK-91935-001	J. Dennehy	D. Waszkiewicz	J. Dennehy



PACKAGING SPECIFICATION

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A	EC No: E2006-0072 DATE: 08/12/2006	91821 PICO FLEX DISCRETE WIRE CRIMP TERMINAL	1 of 5
DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
PK-91821-001	J. Dennehy	D. Waszkiewicz	J. Dennehy



PACKAGING SPECIFICATION

1.0 SCOPE

This standard specifies the general requirements for the packaging of Picoflex crimp terminals, series 91821.

2.0 PURPOSE

The purpose of this specification is to assure that all 91821 product shipped from Molex arrives damage free and in a manner that allows ease of handling, storage and distribution.

3.0 GENERAL

The shipping weight for a box from Molex should not exceed 15 kgs.
The recommended carton closure is tape.
Bubble wrap may be used to fill up excess space in a carton.

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DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
PK-91821-001	J. Dennehy	D. Waszkiewicz	J. Dennehy
TEMPLATE FILENAME: PACKAGING_SPEC[SIZE_A4](V.1).DOC			



PACKAGING SPECIFICATION

4.0 PACKAGING OF TERMINALS

The terminals are on a dual carrier strip with a pitch of 9.5mm between terminals and are packaged in 17mm wide cardboard reels, part no. 9999-0219.

The terminal layers are separated from each other with 17/AF100 interleaf paper, part no. 9999-4436. See Fig.1.

No splices are permitted.

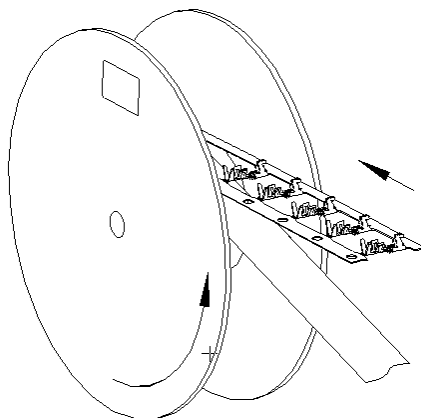
Adhesive tape is used to secure the two flanges of the full reel together.

The full reels are placed in a cardboard carton, part no. 9999-0073, and this is closed with tape. See Fig.2.

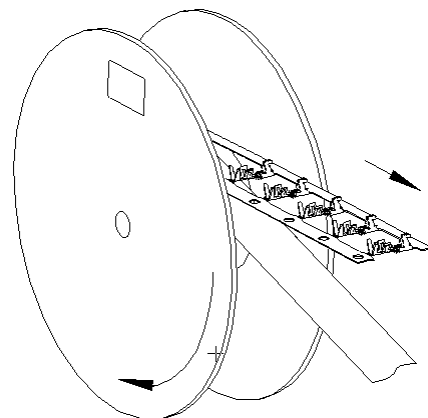
See Table 1 for packaging quantities.

See Table 2 for bill of materials.

Fig.1



Direction of Reeling
From Die



Direction of Un-Reeling
To Application Tooling

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PK-91821-001	J. Dennehy	D. Waszkiewicz	J. Dennehy



PACKAGING SPECIFICATION



Fig.2

TABLE 1

Terminal Part No.	Quantity of Terminals per Reel	Quantity of Reels per Carton	Quantity of Terminals per Carton
91821-0001	10,000	5	50,000
91821-0003	10,000	5	50,000

TABLE 2

Item	Description	Part Number	Quantity
1	CARTON	9999-0073	1
2	REEL	9999-0219	5
3	INTERLEAF PAPER	9999-4436	5
4	TERMINAL	91821-0001/3	50,000

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DOCUMENT NUMBER: PK-91821-001		CREATED / REVISED BY: J. Dennehy	CHECKED BY: D. Waszkiewicz	APPROVED BY: J. Dennehy
TEMPLATE FILENAME: PACKAGING_SPEC[SIZE_A4](V.1).DOC				



PACKAGING SPECIFICATION

5.0 LABELLING

The labels used are standard Molex Ireland labels and measure 127.0 x 76.2 mm, see Fig.4.

Labels are placed on the reels and cartons.

Fig.4



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TEMPLATE FILENAME: PACKAGING_SPEC[SIZE_A4](V.1).DOC				