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Jameco Part Number 2031353



PRODUCT SPECIFICATION

2MM DUAL ROW OR SINGLE ROW (SMT/ VERTICAL/ RIGHT ANGLE) HEADER

1.0 SCOPE

This specification covers the performance requirements for 2mm Dual Row or Single Row Header (SMT/ Vertical/ Right Angle)

2.0 PRODUCT DESCRIPTION

2.1 Product covered by this specification is for series number 78014, 87752, 87753, 87754, 87755, 87756, 87757, 87758, 87759, 87760, 87761, 87762, 87763, 87830, 87239, 87858, and 87979

2.2 For dimensions, materials & plating, refer to the appropriate product drawings.

3.0 APPLICABLE DOCUMENTS AND SPECIFICATIONS

The following documents are part of this specification to the extent specified herewith. In the event of conflict between the requirements of this specification and the product drawing, the product drawing shall take precedence.

In the event of conflict between the requirements of this specification and reference documents, this specification shall take the precedence.

MIL-STD-202 Test Methods for Electrical and Electronic Component Parts.

MIL-STD-1344 Test methods of Electrical Connector

4.0 RATINGS

4.1 Voltage : 125V

4.2 Current : 2.00 Amp

4.3 Operating Temperature : -55°C to + 105°C Current

REVISION: B6	ECR/ECN INFORMATION: <u>EC No:</u> S2007-1103 <u>DATE:</u> 2007/06/15	TITLE: 2MM DUAL ROW OR SINGLE ROW (SMT/ VERTICAL/ RIGHT ANGLE) HEADER	SHEET No. 1 of 4
DOCUMENT NUMBER: PS-87761-100	CREATED / REVISED BY: AI TING/CWLAM 2007/06/15	CHECKED BY: KWLEE 2007/06/15	APPROVED BY: KW LEE 2007/06/15



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5.0 PERFORMANCE

5.1 ELECTRICAL REQUIREMENTS

ITEM	DESCRIPTION	TEST CONDITION	REQUIREMENT
1	Capacitance	Measure between adjacent terminals	1.2 pf max
2	Insulation Resistance	Test between adjacent contact at 500 V DC for 1 minute, per (MIL-STD-1344 MTD 3001.1)	1000 Megaohms minimum
3	Dielectric Strength	Test between adjacent contact at 500VAC rms and 1 minute hold time.	No breakdown

5.2 MECHANICAL REQUIREMENTS

ITEM	DESCRIPTION	TEST CONDITION	REQUIREMENT
4	Pin Retention Force in Housing	Push pin axially from housing at a rate of 12.7mm/min (0.50 inch/min)	0.85 Kgf min

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DOCUMENT NUMBER: PS-87761-100	CREATED / REVISED BY: AI TING/CWLAM 2007/06/15	CHECKED BY: KWLEE 2007/06/15	APPROVED BY: KW LEE 2007/06/15



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5.3 ENVIRONMENTAL REQUIREMENTS

6.0 Packaging

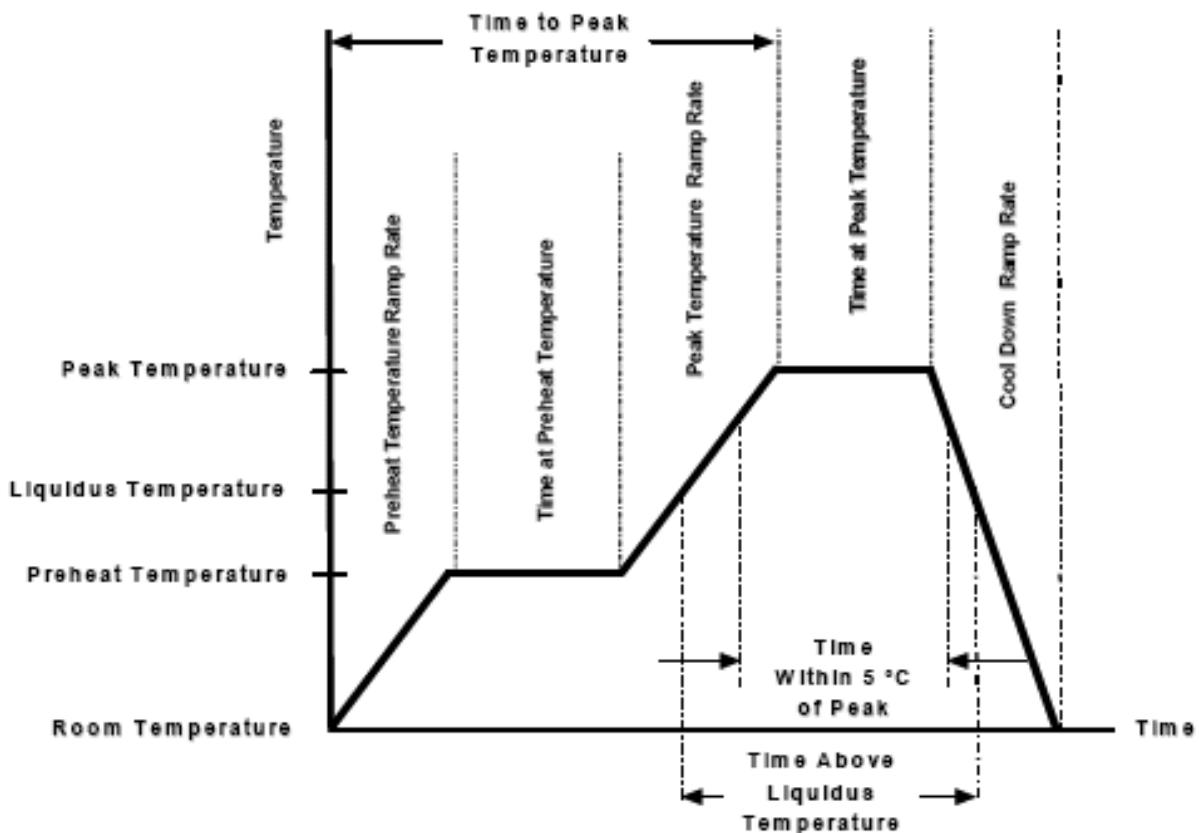
Product shall be packaged and protected against damage during handling, transportation and storage.

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<u>DOCUMENT NUMBER:</u> PS-87761-100		<u>CREATED / REVISED BY:</u> AI TING/CWLAM 2007/06/15	<u>CHECKED BY:</u> KWLEE 2007/06/15
<i>TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A4](V.1).DOC</i>			



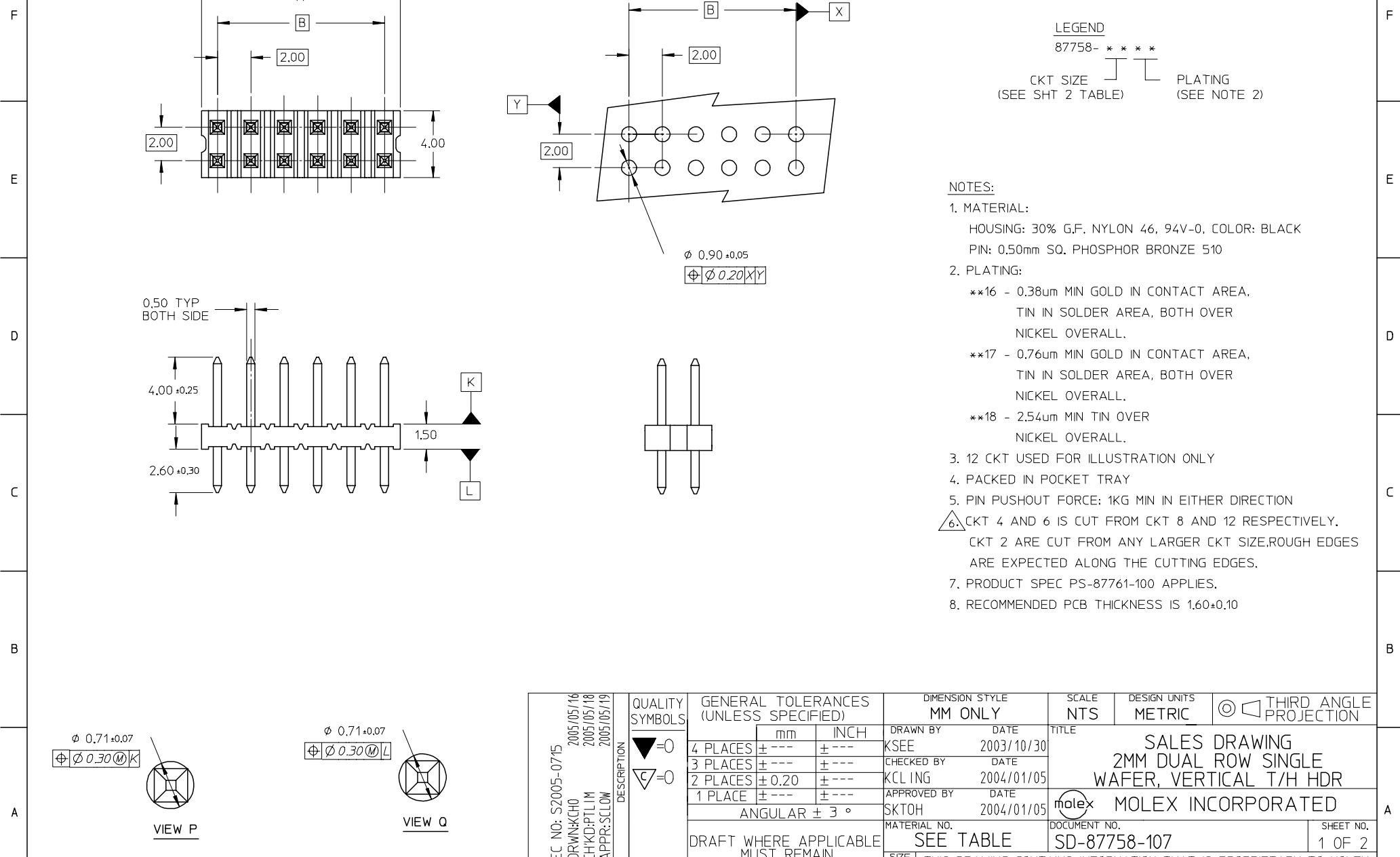
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7.0 SURFACE MOUNT REFLOW TEMPERATURE PROFILE



REVISION: B6	ECR/ECN INFORMATION: EC No: S2007-1103 DATE: 2007/06/15	TITLE: 2MM DUAL ROW OR SINGLE ROW (SMT/ VERTICAL/ RIGHT ANGLE) HEADER	SHEET No. 4 of 4
DOCUMENT NUMBER: PS-87761-100	CREATED / REVISED BY: AI TING/CWLAM 2007/06/15	CHECKED BY: KWLEE 2007/06/15	APPROVED BY: KW LEE 2007/06/15

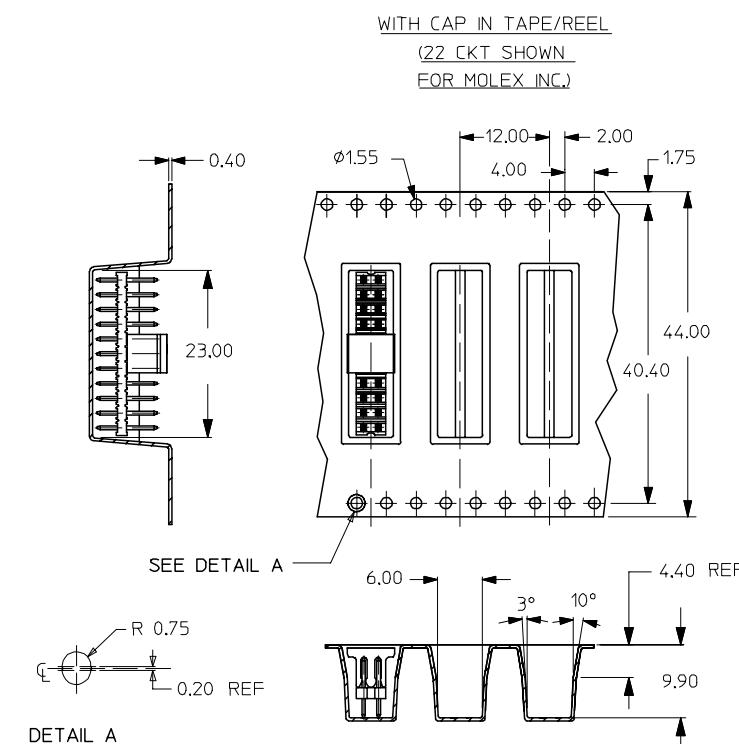
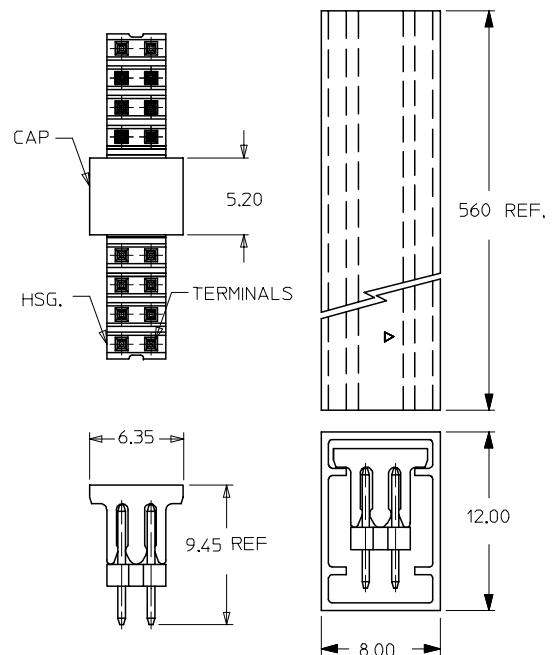
10 9 8 7 6 5 4 3 2 1



ART NUMBER	CKT SIZE	A	B
7758-02** /6	2	NA	NA
7758-04** /6	4	NA	2.00
7758-06** /6	6	NA	4.00
7758-08**	8	7.90	6.00
7758-10**	10	9.90	8.00
7758-12**	12	11.90	10.00
7758-14**	14	13.90	12.00
7758-16**	16	15.90	14.00
7758-18**	18	17.90	16.00
758-20**	20	19.90	18.00
758-22**	22	21.90	20.00
758-24**	24	23.90	22.00
758-26**	26	25.90	24.00
758-28**	28	27.90	26.00
758-30**	30	29.90	28.00
758-32**	32	31.90	30.00
758-34**	34	33.90	32.00
758-36**	36	35.90	34.00
758-38**	38	37.90	36.00
758-40**	40	39.90	38.00
758-42**	42	41.90	40.00
758-44**	44	43.90	42.00
758-46**	46	45.90	44.00
758-48**	48	47.90	46.00
758-50**	50	49.90	48.00

CKT SIZE	PART NO. WITH CAP IN TUBE	PART NO. WITH CAP IN TAPE/REEL	PLATING TYPE
8	87758-0814	87758-0815	**16
22	87758-5126	87758-5111	MOLEX IN

WITH CAP IN TUBE
(22 CKT SHOWN)
FOR MOLEX INC.)



EC NO: S2005-0715	2005/05/16	2005/05/18	2005/05/19	QUALITY SYMBOLS  = 0  = 0 DESCRIPTION DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
DRWNG/CHG	2005/05/16	2005/05/18	2005/05/19		mm	INCH	DRAWN BY KSEE	DATE 2003/10/30	TITLE SALES DRAWING 2MM DUAL ROW SINGLE WAFER, VERTICAL T/H HDR			
CHKD:PTLM					4 PLACES	± ---	± ---	CHECKED BY KCLING	DATE 2004/01/05	APPROVED BY SKTOH		
APPR:SCLOW					3 PLACES	± ---	± ---	APPROVED BY SKTOH	DATE 2004/01/05	MOLEX MOLEX INCORPORATED		
					2 PLACES	± 0.20	± ---			MATERIAL NO. SEE TABLE		
					1 PLACE	± ---	± ---			DOCUMENT NO. SD-87758-107		
					ANGULAR	± 3	°			SHEET NO. 2 OF 2		
A2	REV							SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			