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Part Number: [0717640216](#)
Status: **Active**
Description: 2.54mm (.100") Pitch C-Grid® Breakaway Header, Low Profile, Dual Row, Right Angle, High Temperature, 16 Circuits, 0.76µm (30µ") Gold (Au) Selective Plating

Documents:

3D Model	Product Specification PS-71764 (PDF)
Packaging Specification (PDF)	RoHS Certificate of Compliance (PDF)
Drawing (PDF)	

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	71764
Application	Board-to-Board, Wire-to-Board
Product Name	C-Grid®

Physical

Breakaway	Yes
Circuits (Loaded)	16
Circuits (maximum)	16
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Compliant	No
Lock to Mating Part	None
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Right Angle
PC Tail Length (in)	0.110 In
PC Tail Length (mm)	2.79 mm
PCB Locator	No
PCB Retention	None
Packaging Type	Tube
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.75
Plating min: Termination (µin)	75
Plating min: Termination (µm)	1.875
Polarized to Mating Part	No
Shrouded	No
Stackable	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	3A
Voltage - Maximum	250V

Solder Process Data

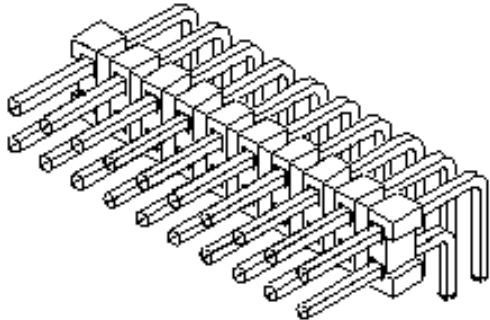


image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Not Reviewed

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series

[71764Series](#)

Lead-free Process Capability
Process Temperature max. C

SMC & Wave Capable (TH only)
260

Material Info

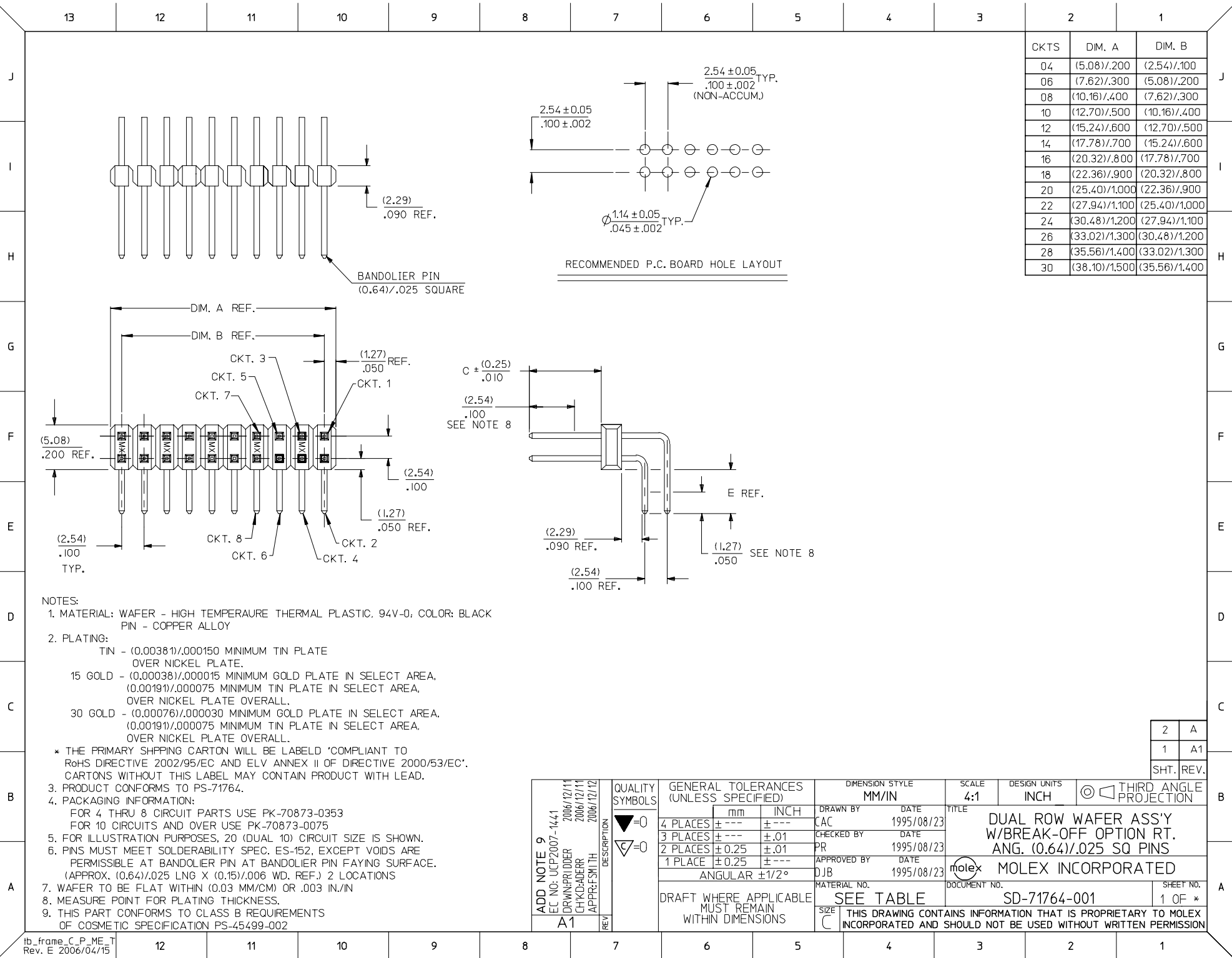
Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-71764
SD-71764-001

This document was generated on 03/31/2010

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ITEM NO: 71764-0004/0030, 9003			ITEM NO: 71764-0104/0130, 9001, 9004			ITEM NO: 71764-0204/0230, 9000, 9002		
DIM. C		(6.10)/.240	DIM. C		(6.10)/.240	DIM. C		(6.10)/.240
DIM. E (REF.)		(2.79)/.110	DIM. E (REF.)		(2.79)/.110	DIM. E (REF.)		(2.79)/.110
FINISH		TIN	FINISH		15 GOLD	PLATING FINISH		30 GOLD
CONNECTOR END PLATING		TIN	CONNECTOR END PLATING		GOLD	CONNECTOR END PLATING		GOLD
P.C. BOARD END PLATING		TIN	P.C. BOARD END PLATING		TIN	P.C. BOARD END PLATING		TIN
PACKAGING		SEE NOTE 4 SHEET 1	PACKAGING		SEE NOTE 4 SHEET 1	PACKAGING		SEE NOTE 4 SHEET 1
CKTS	ITEM NUMBER	VOIDS	CKTS	ITEM NUMBER	VOIDS	CKTS	ITEM NUMBER	VOIDS
04	71764-0004		04	71764-0104		04	71764-0204	
06	71764-0006		06	71764-0106		06	71764-0206	
08	71764-0008		08	71764-0108		08	71764-0208	
10	71764-0010		10	71764-0110		10	71764-0210	
12	71764-0012		12	71764-0112		12	71764-0212	
14	71764-0014		14	71764-0114		14	71764-0214	
16	71764-0016		16	71764-0116		16	71764-0216	
18	71764-0018		18	71764-0118		18	71764-0218	
20	71764-0020		20	71764-0120		20	71764-0220	
22	71764-0022		22	71764-0122		22	71764-0222	
24	71764-0024		24	71764-0124		24	71764-0224	
26	71764-0026		26	71764-0126		26	71764-0226	
28	71764-0028		28	71764-0128		28	71764-0228	
30	71764-0030		30	71764-0130		30	71764-0230	
06	71764-9003	3	06	71764-9001	3, 4	06	71764-9002	3, 4
			08	71764-9004	5, 6			
						10	71764-9000	8

REV: A	<u>ECR/ECN INFORMATION</u>		<u>TITLE:</u> DUAL ROW WAFER ASS'Y W/ BREAK-OFF OPTION RT. ANG. (0.64)/.025 SQ PINS			<u>SHEET No.</u> - 2 -		
	<u>EC No:</u> UCP2007-0449							
	<u>DATE:</u> 2006-08-18							
<u>DOCUMENT NUMBER:</u> SD-71764-001			<u>CREATED / REVISED BY:</u> PRIDDER		<u>CHECKED BY:</u> ADERR		<u>APPROVED BY:</u> FSMITH	

ITEM NO: 71764-0304/0330			ITEM NO: 71764-0404/0430			ITEM NO: 71764-0504/0530		
DIM. C		(8.13)/.320	DIM. C		(8.13)/.320	DIM. C		(8.13)/.320
DIM. E (REF.)		(2.79)/.110	DIM. E (REF.)		(2.79)/.110	DIM. E (REF.)		(2.79)/.110
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PACKAGING		SEE NOTE 4 SHEET 1	PACKAGING		SEE NOTE 4 SHEET 1	PACKAGING		SEE NOTE 4 SHEET 1
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06	71764-0306		06	71764-0406		06	71764-0506	
08	71764-0308		08	71764-0408		08	71764-0508	
10	71764-0310		10	71764-0410		10	71764-0510	
12	71764-0312		12	71764-0412		12	71764-0512	
14	71764-0314		14	71764-0414		14	71764-0514	
16	71764-0316		16	71764-0416		16	71764-0516	
18	71764-0318		18	71764-0418		18	71764-0518	
20	71764-0320		20	71764-0420		20	71764-0520	
22	71764-0322		22	71764-0422		22	71764-0522	
24	71764-0324		24	71764-0424		24	71764-0524	
26	71764-0326		26	71764-0426		26	71764-0526	
28	71764-0328		28	71764-0428		28	71764-0528	
30	71764-0330		30	71764-0430		30	71764-0530	

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	<u>EC No:</u> UCP2007-0449							
	<u>DATE:</u> 2006-08-18							
<u>DOCUMENT NUMBER:</u> SD-71764-001			<u>CREATED / REVISED BY:</u> PRIDDER		<u>CHECKED BY:</u> ADERR		<u>APPROVED BY:</u> FSMITH	