

This document was generated on 02/15/2013 PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:	74404 0004		
	<u>74164-0024</u>		\sim
Status:	Active		< And
Overview:	C-Grid® Products		and
Description:	2.54mm Pitch C-Gri	d® Receptacle, Right Angle, Through Hole, Dual Row, Shrouded	
	with Pegs, Version A	A, High-Temperature, 24 Circuits, 0.40µm Gold (Au)	
Documents:			
<u>3D Model</u>		Product Specification PS-74164-001 (PDF)	
<u>Drawing (PDF)</u>		RoHS Certificate of Compliance (PDF)	9
			– U Series
Agency Certification			image - Reference only
UL		E29179	
0			EU RoHS China RoHS
General			ELV and RoHS
Product Family		PCB Receptacles	Compliant
Series		74164	
Application		Board-to-Board, Signal	Contains SVHC: No
Overview		<u>C-Grid® Products</u>	Low-Halogen Status
Product Name		C-Grid®	Low-Halogen
UPC		883906878627	Need more information on product
Physical			environmental compliance?
Circuits (Loaded)		24	Email productcompliance@molex.com
Circuits (maximum)		24	For a multiple part number RoHS Certificate of
Color - Resin		Black	Compliance, <u>click here</u>
Durability (mating cycles max)		50	Compliance, <u>click here</u>
Flammability		94V-0	Please visit the Contact Us section for any
Glow-Wire Compliant		No	non-product compliance questions.
Guide to Mating Part		No	
Keying to Mating Part		None	
Lock to Mating Part		Yes	
Material - Metal		Phosphor Bronze	Search Parts in this Series
Material - Plating Mating		Gold	<u>74164</u> Series
Material - Plating Termination		Tin	,
Material - Resin		High Performance Thermoplastic	
Net Weight		5.689/g	
Number of Rows		2 Diebt Angle	
Orientation PCB Locator		Right Angle Yes	
PCB Locator PCB Retention		None	
Packaging Type		Tube	
Pitch - Mating Interface		2.54mm	
Pitch - Termination Interface		2.54mm	
Plating min - Mating		0.381µm	
Polarized to Mating Part		No	
Polarized to PCB		No	
Robotic Placement		None	
Stackable		No	
Surface Mount Compatible (SMC)		No	
Temperature Range - Operating		-40°C to +105°C	
Termination Interface: Style		Through Hole	
Electrical			
	n per Contact	2.5A	
Current - Maximum per Contact		Z.5A No	
Grounding to PCB			

250V

Grounding to PCB Voltage - Maximum

Solder Process Data			
Duration at Max. Process Temperature (seconds)			
Lead-free Process Capability			
Max. Cycles at Max. Process Temperature			
Process Temperature max. C			

5 Wave Capable (TH only) 1 260

Material Info

Reference - Drawing Numbers Product Specification

Sales Drawing

PS-74164-001 SD-74164-001

This document was generated on 02/15/2013 PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION