

## Excellent Integrated System Limited

Stocking Distributor

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[Molex Connector Corporation](#)

[15-42-7024](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



ENGINEERING PART NUMBER A-8724-	RELEASE FOR MANUFACTURE	P REF.	PLATING (SEE NOTES ON THIS SHEET)	CONNECTOR END PLATING			P.C. BOARD END PLATING			PACKAGING INFORMATION PK-70873-
				TYPE	J LENGTH	K MEAS.	R ± (.03) (.015)	TYPE	L LENGTH	
06A164 / 72A164	RFM	(3.30) .150	TIN	TIN	(2.54) .100	(6.00) .315		TIN	(1.27) .050	0019
06B164 / 72B164	RFM	(5.00) .200	TIN	TIN	(2.54) .100	(6.00) .315		TIN	(1.27) .050	0019
06A571 / 72A571	RFM	(3.30) .150	IS GOLD	GOLD	(5.08) .200	(6.00) .315		TIN	(2.54) .100	0019
06B571 / 72B571	RFM	(5.08) .200	IS GOLD	GOLD	(5.08) .200	(6.00) .315		TIN	(2.54) .100	0019
06A574 / 72A574	RFM	(3.30) .150	30 GOLD	GOLD	(5.08) .200	(6.00) .315		TIN	(2.54) .100	0019
06B574 / 72B574	RFM	(5.08) .200	30 GOLD	GOLD	(5.08) .200	(6.00) .315		TIN	(2.54) .100	0019
06G164 / 72G164	RFM	(3.30) .150	TIN	TIN	(2.54) .100	(6.35) .250		TIN	(1.27) .050	0019

**PLATING FINISHES:**  
**TIN** TIN (SN) OVER ENTIRE PIN THICKNESS=0.37 MICROMETER/75 MICRONS MINIMUM NICKEL (NI) UNDERPLATE OVER ENTIRE PIN.  
**IS GOLD** SELECTIVE GOLD (Au) IN THE CONTACT AREA THICKNESS=0.37 MICROMETER/75 MICRONS MINIMUM; SELECTIVE TIN (Sn) IN THE PC TAIL AREA THICKNESS=1.88 MICROMETER/75 MICRONS MINIMUM; NICKEL (NI) UNDERPLATE OVER ENTIRE PIN.  
**30 GOLD** SELECTIVE GOLD (Au) IN THE CONTACT AREA THICKNESS=0.75 MICROMETER/30 MICRONS MINIMUM; SELECTIVE TIN (Sn) IN THE PC TAIL AREA THICKNESS=1.88 MICROMETER/75 MICRONS MINIMUM; NICKEL (NI) UNDERPLATE OVER ENTIRE PIN.  
 \*THE PRIMARY SHIPPING CARTON WILL BE LABELED COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC. CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.

NO. OF CKTS	TIN		TIN		IS GOLD		IS GOLD		30 GOLD		30 GOLD		TIN	
	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER
06	5-42-7006	A-8724-06A164	5-42-7106	A-8724-06B164	5-29-7006	A-8724-06A571	5-29-7106	A-8724-06B571	5-41-8006	A-8724-06A574	5-41-8106	A-8724-06B574	5-41-9106	A-8724-06G164
08	5-42-7008	A-8724-08A164	5-42-7108	A-8724-08B164	5-29-7008	A-8724-08A571	5-29-7108	A-8724-08B571	5-41-8008	A-8724-08A574	5-41-8108	A-8724-08B574	5-41-9108	A-8724-08G164
10	5-42-7010	A-8724-10A164	5-42-7110	A-8724-10B164	5-29-7010	A-8724-10A571	5-29-7110	A-8724-10B571	5-41-8010	A-8724-10A574	5-41-8110	A-8724-10B574	5-41-9110	A-8724-10G164
12	5-42-7012	A-8724-12A164	5-42-7112	A-8724-12B164	5-29-7012	A-8724-12A571	5-29-7112	A-8724-12B571	5-41-8012	A-8724-12A574	5-41-8112	A-8724-12B574	5-41-9112	A-8724-12G164
14	5-42-7014	A-8724-14A164	5-42-7114	A-8724-14B164	5-29-7014	A-8724-14A571	5-29-7114	A-8724-14B571	5-41-8014	A-8724-14A574	5-41-8114	A-8724-14B574	5-41-9114	A-8724-14G164
16	5-42-7016	A-8724-16A164	5-42-7116	A-8724-16B164	5-29-7016	A-8724-16A571	5-29-7116	A-8724-16B571	5-41-8016	A-8724-16A574	5-41-8116	A-8724-16B574	5-41-9116	A-8724-16G164
18	5-42-7018	A-8724-18A164	5-42-7118	A-8724-18B164	5-29-7018	A-8724-18A571	5-29-7118	A-8724-18B571	5-41-8018	A-8724-18A574	5-41-8118	A-8724-18B574	5-41-9118	A-8724-18G164
20	5-42-7020	A-8724-20A164	5-42-7120	A-8724-20B164	5-29-7020	A-8724-20A571	5-29-7120	A-8724-20B571	5-41-8020	A-8724-20A574	5-41-8120	A-8724-20B574	5-41-9120	A-8724-20G164
22	5-42-7022	A-8724-22A164	5-42-7122	A-8724-22B164	5-29-7022	A-8724-22A571	5-29-7122	A-8724-22B571	5-41-8022	A-8724-22A574	5-41-8122	A-8724-22B574	5-41-9122	A-8724-22G164
24	5-42-7024	A-8724-24A164	5-42-7124	A-8724-24B164	5-29-7024	A-8724-24A571	5-29-7124	A-8724-24B571	5-41-8024	A-8724-24A574	5-41-8124	A-8724-24B574	5-41-9124	A-8724-24G164
26	5-42-7026	A-8724-26A164	5-42-7126	A-8724-26B164	5-29-7026	A-8724-26A571	5-29-7126	A-8724-26B571	5-41-8026	A-8724-26A574	5-41-8126	A-8724-26B574	5-41-9126	A-8724-26G164
28	5-42-7028	A-8724-28A164	5-42-7128	A-8724-28B164	5-29-7028	A-8724-28A571	5-29-7128	A-8724-28B571	5-41-8028	A-8724-28A574	5-41-8128	A-8724-28B574	5-41-9128	A-8724-28G164
30	5-42-7030	A-8724-30A164	5-42-7130	A-8724-30B164	5-29-7030	A-8724-30A571	5-29-7130	A-8724-30B571	5-41-8030	A-8724-30A574	5-41-8130	A-8724-30B574	5-41-9130	A-8724-30G164
32	5-42-7032	A-8724-32A164	5-42-7132	A-8724-32B164	5-29-7032	A-8724-32A571	5-29-7132	A-8724-32B571	5-41-8032	A-8724-32A574	5-41-8132	A-8724-32B574	5-41-9132	A-8724-32G164
34	5-42-7034	A-8724-34A164	5-42-7134	A-8724-34B164	5-29-7034	A-8724-34A571	5-29-7134	A-8724-34B571	5-41-8034	A-8724-34A574	5-41-8134	A-8724-34B574	5-41-9134	A-8724-34G164
36	5-42-7036	A-8724-36A164	5-42-7136	A-8724-36B164	5-29-7036	A-8724-36A571	5-29-7136	A-8724-36B571	5-41-8036	A-8724-36A574	5-41-8136	A-8724-36B574	5-41-9136	A-8724-36G164
38	5-42-7038	A-8724-38A164	5-42-7138	A-8724-38B164	5-29-7038	A-8724-38A571	5-29-7138	A-8724-38B571	5-41-8038	A-8724-38A574	5-41-8138	A-8724-38B574	5-41-9138	A-8724-38G164
40	5-42-7040	A-8724-40A164	5-42-7140	A-8724-40B164	5-29-7040	A-8724-40A571	5-29-7140	A-8724-40B571	5-41-8040	A-8724-40A574	5-41-8140	A-8724-40B574	5-41-9140	A-8724-40G164
42	5-42-7042	A-8724-42A164	5-42-7142	A-8724-42B164	5-29-7042	A-8724-42A571	5-29-7142	A-8724-42B571	5-41-8042	A-8724-42A574	5-41-8142	A-8724-42B574	5-41-9142	A-8724-42G164
44	5-42-7044	A-8724-44A164	5-42-7144	A-8724-44B164	5-29-7044	A-8724-44A571	5-29-7144	A-8724-44B571	5-41-8044	A-8724-44A574	5-41-8144	A-8724-44B574	5-41-9144	A-8724-44G164
46	5-42-7046	A-8724-46A164	5-42-7146	A-8724-46B164	5-29-7046	A-8724-46A571	5-29-7146	A-8724-46B571	5-41-8046	A-8724-46A574	5-41-8146	A-8724-46B574	5-41-9146	A-8724-46G164
48	5-42-7048	A-8724-48A164	5-42-7148	A-8724-48B164	5-29-7048	A-8724-48A571	5-29-7148	A-8724-48B571	5-41-8048	A-8724-48A574	5-41-8148	A-8724-48B574	5-41-9148	A-8724-48G164
50	5-42-7050	A-8724-50A164	5-42-7150	A-8724-50B164	5-29-7050	A-8724-50A571	5-29-7150	A-8724-50B571	5-41-8050	A-8724-50A574	5-41-8150	A-8724-50B574	5-41-9150	A-8724-50G164
52	5-42-7052	A-8724-52A164	5-42-7152	A-8724-52B164	5-29-7052	A-8724-52A571	5-29-7152	A-8724-52B571	5-41-8052	A-8724-52A574	5-41-8152	A-8724-52B574	5-41-9152	A-8724-52G164
54	5-42-7054	A-8724-54A164	5-42-7154	A-8724-54B164	5-29-7054	A-8724-54A571	5-29-7154	A-8724-54B571	5-41-8054	A-8724-54A574	5-41-8154	A-8724-54B574	5-41-9154	A-8724-54G164
56	5-42-7056	A-8724-56A164	5-42-7156	A-8724-56B164	5-29-7056	A-8724-56A571	5-29-7156	A-8724-56B571	5-41-8056	A-8724-56A574	5-41-8156	A-8724-56B574	5-41-9156	A-8724-56G164
58	5-42-7058	A-8724-58A164	5-42-7158	A-8724-58B164	5-29-7058	A-8724-58A571	5-29-7158	A-8724-58B571	5-41-8058	A-8724-58A574	5-41-8158	A-8724-58B574	5-41-9158	A-8724-58G164
60	5-42-7060	A-8724-60A164	5-42-7160	A-8724-60B164	5-29-7060	A-8724-60A571	5-29-7160	A-8724-60B571	5-41-8060	A-8724-60A574	5-41-8160	A-8724-60B574	5-41-9160	A-8724-60G164
62	5-42-7062	A-8724-62A164	5-42-7162	A-8724-62B164	5-29-7062	A-8724-62A571	5-29-7162	A-8724-62B571	5-41-8062	A-8724-62A574	5-41-8162	A-8724-62B574	5-41-9162	A-8724-62G164
64	5-42-7064	A-8724-64A164	5-42-7164	A-8724-64B164	5-29-7064	A-8724-64A571	5-29-7164	A-8724-64B571	5-41-8064	A-8724-64A574	5-41-8164	A-8724-64B574	5-41-9164	A-8724-64G164
66	5-42-7066	A-8724-66A164	5-42-7166	A-8724-66B164	5-29-7066	A-8724-66A571	5-29-7166	A-8724-66B571	5-41-8066	A-8724-66A574	5-41-8166	A-8724-66B574	5-41-9166	A-8724-66G164
68	5-42-7068	A-8724-68A164	5-42-7168	A-8724-68B164	5-29-7068	A-8724-68A571	5-29-7168	A-8724-68B571	5-41-8068	A-8724-68A574	5-41-8168	A-8724-68B574	5-41-9168	A-8724-68G164
70	5-42-7070	A-8724-70A164	5-42-7170	A-8724-70B164	5-29-7070	A-8724-70A571	5-29-7170	A-8724-70B571	5-41-8070	A-8724-70A574	5-41-8170	A-8724-70B574	5-41-9170	A-8724-70G164
72	5-42-7072	A-8724-72A164	5-42-7172	A-8724-72B164	5-29-7072	A-8724-72A571	5-29-7172	A-8724-72B571	5-41-8072	A-8724-72A574	5-41-8172	A-8724-72B574	5-41-9172	A-8724-72G164

<b>UPDATE TITLE BLOCK</b> EC NO. L1E2008-539 2008/07/26 CHC-BELL APPROVED BY: [Signature] DATE: 2008/07/26	<b>QUALITY SYMBOLS</b> 4 PLACES ± --- ± --- INCH 3 PLACES ± --- ± --- INCH 2 PLACES ± --- ± --- INCH 1 PLACE ± --- ± --- INCH ANGULAR ±1/2°	<b>GENERAL TOLERANCES UNLESS SPECIFIED</b> DIMENSION STYLE: MM/MIN SCALE: --- INCH DESIGN UNITS: INCH THIRD ANGLE PROJECTION	
	DRAWN BY: JL DATE: 1986/06/26 CHECKED BY: RB DATE: 1986/06/26 APPROVED BY: MAZ DATE: 1986/06/26	<b>SALES ASSEMBLY WAFER-RIGHT ANGLE FULLY SHROUDED .100 GRID</b>	<b>MOLEX MOLEX INCORPORATED</b>
	MATERIAL NO: SEE CHART DOCUMENT NO: SDA-8724-*****	SHEET NO: 2 OF 8	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		