

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[0022122074](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

[illegible]

tb_frame_C_P_AM_T
Rev. G 2012/01/11



Distributor of Molex Connector Corporation: Excellent Integrated System Limited

Datasheet of 0022122074 - CONN HEADER 7POS .100 R/A GOLD

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

13		12		11		10		9		8		7		6		5		4		3		2		1	
A-7478-NA222				A-7478-NA241				A-7478-NA241T				A-7478-NA197T													
J	PART NO.		ENG. NO.		PART NO.		ENG. NO.		PART NO.		ENG. NO.		PART NO.		ENG. NO.		PART NO.		ENG. NO.		PART NO.		ENG. NO.		
	22-05-302I		A-7478-2A222		22-12-2024		A-7478-2A241		50-29-1710		A-7478-2A241T		50-34-8500		A-7478-2A197T										
	22-05-303I		A-7478-3A222		22-12-2034		A-7478-3A241		50-29-1711		A-7478-3A241T		50-34-8501		A-7478-3A197T										
I	22-05-304I		A-7478-4A222		22-12-2044		A-7478-4A241		50-29-1705		A-7478-4A241T		50-34-8502		A-7478-4A197T										
	22-05-305I		A-7478-5A222		22-12-2054		A-7478-5A241		50-29-1712		A-7478-5A241T														
	22-05-306I		A-7478-6A222		22-12-2064		A-7478-6A241		50-29-1713		A-7478-6A241T														
H	22-05-307I		A-7478-7A222		22-12-2074		A-7478-7A241		50-29-1714		A-7478-7A241T														
	22-05-308I		A-7478-8A222		22-12-2084		A-7478-8A241		50-29-1715		A-7478-8A241T														
	22-05-309I		A-7478-9A222		22-12-2094		A-7478-9A241		50-29-1716		A-7478-9A241T														
G	22-05-310I		A-7478-10A222		22-12-2104		A-7478-10A241		50-29-1717		A-7478-10A241T														
	22-05-311I		A-7478-11A222		22-12-2114		A-7478-11A241		50-29-1718		A-7478-11A241T														
	22-05-312I		A-7478-12A222		22-12-2124		A-7478-12A241		50-29-1719		A-7478-12A241T														
F	22-05-313I		A-7478-13A222		22-12-2134		A-7478-13A241		50-29-1720		A-7478-13A241T														
	22-05-314I		A-7478-14A222		22-12-2144		A-7478-14A241		50-29-1721		A-7478-14A241T														
	22-05-315I		A-7478-15A222		22-12-2154		A-7478-15A241		50-29-1722		A-7478-15A241T														
E	22-05-316I		A-7478-16A222		22-12-2164		A-7478-16A241		50-29-1723		A-7478-16A241T														
	22-05-317I		A-7478-17A222		22-12-2174		A-7478-17A241		50-29-1724		A-7478-17A241T														
	22-05-318I		A-7478-18A222		22-12-2184		A-7478-18A241		50-29-1725		A-7478-18A241T														
D	22-05-319I		A-7478-19A222		22-12-2194		A-7478-19A241		50-29-1726		A-7478-19A241T														
	22-05-320I		A-7478-20A222		22-12-2204		A-7478-20A241		50-29-1727		A-7478-20A241T														
	22-05-321I		A-7478-21A222		22-12-2214		A-7478-21A241		50-29-1728		A-7478-21A241T														
C	22-05-322I		A-7478-22A222		22-12-2224		A-7478-22A241		50-29-1729		A-7478-22A241T														
	22-05-323I		A-7478-23A222		22-12-2234		A-7478-23A241		50-29-1730		A-7478-23A241T														
	22-05-324I		A-7478-24A222		22-12-2244		A-7478-24A241		50-29-1731		A-7478-24A241T														
B	22-05-325I		A-7478-25A222		22-12-2254		A-7478-25A241		50-29-1732		A-7478-25A241T														
	22-05-326I		A-7478-26A222		22-12-2264		A-7478-26A241		50-29-1733		A-7478-26A241T														
	22-05-327I		A-7478-27A222		22-12-2274		A-7478-27A241		50-29-1734		A-7478-27A241T														
A	22-05-328I		A-7478-28A222		22-12-2284		A-7478-28A241		50-29-1735		A-7478-28A241T														
SEE SHEET 1 EC NO: UFG2014-4754 2014/05/13 2014/05/13 2014/05/16 <																									

SEE SHEET 1

EC NO: UCP2014-4754

2014/05/13

DRWN:JFOX

CHKD:KIPER

2014/05/13

APPR:SMITH

2014/05/16

REV

AA1

QUALITY SYMBOLS

▽=0

▽=0

▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±.010
2 PLACES	±0.25	±.015
1 PLACE	±0.38	±---
0 PLACE	±---	±---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

MM/IN

DRAWN BY	DATE
GUZIC	1987/07/30
CHECKED BY	DATE
PATEL	1987/07/30
APPROVED BY	DATE
FSMITH	2014/05/16

MATERIAL NO.

DOCUMENT NO.

SEE CHART

SDA-7478

SIZE C

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE

DESIGN UNITS

INCH

THIRD ANGLE PROJECTION

TITLE

FRICTION LOCK HEADER ASY

.100 CL BENT SQ PINS

7478 SERIES DWG

molex

SHEET NO.

3 OF 7



ENG. NO.	PIN NO.	DIM. L	DIM. X	DIM. Z	DIM. Y	DIM. W	DIM. R	DIM. G	DIM. T
A-7478-NA228	42663-0664	(18.80) .740	(6.71) .264	(3.58) .141	(3.05) .120	90°	(1.17) .046	(4.57) .180	(3.43) .135
A-7478-NE197	42663-0742	(19.81) .780	(7.75) .305	(3.56) .140	(3.05) .120	90°	(1.17) .046	N/A	OVERALL
A-7478-NF197	42663-0622	(18.29) .720	(6.73) .265	(2.92±.25) .115±.010	(3.18) .125 REF.	90°	(1.17) .046	N/A	OVERALL
A-7478-NH197	42663-0482	(16.51) .650	(7.49) .295	(2.69) .106	(0.64) .025	90°	(.64) .025	N/A	OVERALL
A-7478-NM208	42663-0564	(17.53) .690	(7.57) .298	(3.63) .143	(0.64) .025	90°	(.64) .025	(5.08) .200	(3.43) .135
A-7478-NA154	42663-0668	(18.80) .740	(6.71) .264	(3.58) .141	(3.05) .120	90°	(1.17) .046	N/A	OVERALL
A-7478-ANE197	42663-0742	(19.81) .780	(7.75) .305	(3.56) .140	(3.05) .120	90°	(1.17) .046	N/A	OVERALL
A-7478-NM197	42663-0562	(17.53) .690	(7.57) .298	(3.63) .143	(0.64) .025	90°	(.64) .025	N/A	OVERALL
A-7478-NH228	42663-0483	(16.51) .650	(7.49) .295	(2.69) .106	(.64) .025	90°	(.64) .025	(5.08) .200	(5.08) .200
A-7478-NN197	42663-0662	(18.80) .740	(6.71) .264	(3.58) .141	(3.05) .120	90°	(1.17) .046	N/A	OVERALL
A-7478-NP197	42663-1142	(24.89) .980	(6.60) .260	(9.73) .383	(3.05) .120	90°	(1.17) .046	N/A	OVERALL

SEE SHEET 1
EC NO: UCP2014-754
DRAWN BY: JHJ
CHKD BY: JHJ
APPROVED BY: JHJ
AA1

QUALITY SYMBOLS
▽=0
▽=0
▽=0

DESCRIPTION
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ±--- ±---
3 PLACES ±--- ±.010
2 PLACES ±0.25 ±.015
1 PLACE ±0.38 ±---
0 PLACE ±--- ±---
ANGULAR ±1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM/IN

DRAWN BY: GUZIC
CHECKED BY: PATEL
APPROVED BY: F SMITH
DATE: 1987/07/30
DATE: 1987/07/30
DATE: 2014/05/16

SCALE

DESIGN UNITS
INCH

THIRD ANGLE PROJECTION

TITLE
FRICTION LOCK HEADER ASY
.100 CL BENT SQ PINS
7478 SERIES DWG

molex

SEE CHART

SDA-7478

MATERIAL NO.

DOCUMENT NO.

SHEET NO.
4 OF 7

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INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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Distributor of Molex Connector Corporation: Excellent Integrated System Limited

Datasheet of 0022122074 - CONN HEADER 7POS .100 R/A GOLD

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

A-7478-NA228		A-7478-NE197		A-7478-NF197		A-7478-NH197		A-7478-NM208		A-7478-NA154	
PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.
22-12-2026	A-7478-2A228	22-05-8025	A-7478-2E197		A-7478-2F197	S 22-05-8020	A-7478-2H197	S	A-7478-2M208	50-30-4424	A-7478-2A154
22-12-2036	A-7478-3A228		A-7478-3E197		A-7478-3F197	S 22-05-8030	A-7478-3H197	S	A-7478-3M208	50-30-4434	A-7478-3A154
22-12-2046	A-7478-4A228		A-7478-4E197		A-7478-4F197	S 22-05-8040	A-7478-4H197	S	A-7478-4M208	50-30-4444	A-7478-4A154
22-12-2056	A-7478-5A228	22-05-8055	A-7478-5E197	22-05-9058	A-7478-5F197	S 22-05-8050	A-7478-5H197	S	A-7478-5M208		
22-12-2066	A-7478-6A228		A-7478-6E197		A-7478-6F197	S 22-05-8060	A-7478-6H197	S	A-7478-6M208		
22-12-2076	A-7478-7A228		A-7478-7E197		A-7478-7F197	S 22-05-8070	A-7478-7H197	S	A-7478-7M208		
22-12-2086	A-7478-8A228		A-7478-8E197		A-7478-8F197	S 22-05-8080	A-7478-8H197	S	A-7478-8M208		
22-12-2096	A-7478-9A228		A-7478-9E197		A-7478-9F197	S 22-05-8090	A-7478-9H197	S	A-7478-9M208		
22-12-2106	A-7478-10A228		A-7478-10E197		A-7478-10F197	S 22-05-8100	A-7478-10H197	S	A-7478-10M208		
22-12-2116	A-7478-11A228		A-7478-11E197		A-7478-11F197	S 22-05-8110	A-7478-11H197	S	A-7478-11M208		
22-12-2126	A-7478-12A228		A-7478-12E197		A-7478-12F197	S 22-05-8120	A-7478-12H197	S 22-12-2123	A-7478-12M208		
22-12-2136	A-7478-13A228		A-7478-13E197		A-7478-13F197	S 22-05-8130	A-7478-13H197	S	A-7478-13M208		
22-12-2146	A-7478-14A228		A-7478-14E197		A-7478-14F197	S 22-05-8140	A-7478-14H197	S	A-7478-14M208		
22-12-2156	A-7478-15A228		A-7478-15E197		A-7478-15F197	S 22-05-8150	A-7478-15H197	S	A-7478-15M208		
22-12-2166	A-7478-16A228		A-7478-16E197		A-7478-16F197	S 22-05-8160	A-7478-16H197	S	A-7478-16M208		
22-12-2176	A-7478-17A228		A-7478-17E197		A-7478-17F197	S 22-05-8170	A-7478-17H197	S	A-7478-17M208		
22-12-2186	A-7478-18A228		A-7478-18E197		A-7478-18F197	S 22-05-8180	A-7478-18H197	S	A-7478-18M208		
22-12-2196	A-7478-19A228		A-7478-19E197		A-7478-19F197	S 22-05-8190	A-7478-19H197	S	A-7478-19M208		
22-12-2206	A-7478-20A228		A-7478-20E197		A-7478-20F197	S 22-05-8200	A-7478-20H197	S	A-7478-20M208		
22-12-2216	A-7478-21A228		A-7478-21E197		A-7478-21F197	S 22-05-8210	A-7478-21H197	S	A-7478-21M208		
22-12-2226	A-7478-22A228		A-7478-22E197		A-7478-22F197	S 22-05-8220	A-7478-22H197	S	A-7478-22M208		
22-12-2236	A-7478-23A228		A-7478-23E197		A-7478-23F197	S 22-05-8230	A-7478-23H197	S	A-7478-23M208		
22-12-2246	A-7478-24A228		A-7478-24E197		A-7478-24F197	S 22-05-8240	A-7478-24H197	S	A-7478-24M208		
22-12-2256	A-7478-25A228		A-7478-25E197		A-7478-25F197	S 22-05-8250	A-7478-25H197	S	A-7478-25M208		
22-12-2266	A-7478-26A228		A-7478-26E197		A-7478-26F197	S 22-05-8260	A-7478-26H197	S	A-7478-26M208		
22-12-2276	A-7478-27A228		A-7478-27E197		A-7478-27F197	S 22-05-8270	A-7478-27H197	S	A-7478-27M208		
22-12-2286	A-7478-28A228		A-7478-28E197		A-7478-28F197	S 22-05-8280	A-7478-28H197	S	A-7478-28M208		

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Rev. G 2012/01/11



A-7478-NH228		A-7478-NN197		A-7478-NP197					
PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.			PART NO.	ENG. NO.
22-16-3026	A-7478-2H228				A-7478-2N197	50-29-0033	A-7478-2P197		
22-16-3036	A-7478-3H228				A-7478-3N197		A-7478-3P197		
22-16-3046	A-7478-4H228				A-7478-4N197		A-7478-4P197		
22-16-3056	A-7478-5H228				A-7478-5N197	22-05-8053	A-7478-5P197		
22-16-3066	A-7478-6H228				A-7478-6N197		A-7478-6P197		
22-16-3076	A-7478-7H228				A-7478-7N197		A-7478-7P197		
22-16-3086	A-7478-8H228				A-7478-8N197		A-7478-8P197		
22-16-3096	A-7478-9H228				A-7478-9N197		A-7478-9P197		
22-16-3106	A-7478-10H228				A-7478-10N197		A-7478-10P197		
22-16-3116	A-7478-11H228				A-7478-11N197		A-7478-11P197		
22-16-3126	A-7478-12H228				A-7478-12N197		A-7478-12P197		
22-16-3136	A-7478-13H228				A-7478-13N197		A-7478-13P197		
22-16-3146	A-7478-14H228				A-7478-14N197		A-7478-14P197		
22-16-3156	A-7478-15H228				A-7478-15N197		A-7478-15P197		
22-16-3166	A-7478-16H228				A-7478-16N197		A-7478-16P197		
22-16-3176	A-7478-17H228			22-59-5176	A-7478-17N197		A-7478-17P197		
22-16-3186	A-7478-18H228				A-7478-18N197		A-7478-18P197		
22-16-3196	A-7478-19H228				A-7478-19N197		A-7478-19P197		
22-16-3206	A-7478-20H228				A-7478-20N197		A-7478-20P197		
22-16-3216	A-7478-21H228				A-7478-21N197		A-7478-21P197		
22-16-3226	A-7478-22H228				A-7478-22N197		A-7478-22P197		
22-16-3236	A-7478-23H228				A-7478-23N197		A-7478-23P197		
22-16-3246	A-7478-24H228				A-7478-24N197		A-7478-24P197		
22-16-3256	A-7478-25H228				A-7478-25N197		A-7478-25P197		
22-16-3266	A-7478-26H228				A-7478-26N197		A-7478-26P197		
22-16-3276	A-7478-27H228				A-7478-27N197		A-7478-27P197		
22-16-3286	A-7478-28H228				A-7478-28N197		A-7478-28P197		

SEE SHEET 1 EC NO: UCP2014-4754 2014/05/13 DRAWN: JHJ CHKD: KIPER APPROVED: SMITH 2014/05/16	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	TITLE FRICTION LOCK HEADER ASY .100 CL BENT SQ PINS 7478 SERIES DWG molex	DOCUMENT NO. SDA-7478	SHEET NO. 7 OF 7
				MM/IN							
				DRAWN BY DATE							
				GJZIC 1987/07/30							
				CHECKED BY DATE							
				PATEL 1987/07/30							
				APPROVED BY DATE							
				FSMITH 2014/05/16							
				MATERIAL NO.							
				SEE CHART							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									