

Reliable Service

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DRAGONFLY BROCHURE CORRECTIONS

Dear Customer:

It is our goal to provide you with up-to-date product literature. In order to achieve this goal, we are supplying the attached pages.

These pages will update your DragonFly Brochure to the new revision of **A-002 Rev B2**. It also will correct errors contained in our printed material and/or provide information about product expansion. These changes are indicated by *bold italics and are underlined*. Please reference page numbers at bottom of each page for proper locations in the catalog.

If you would like to request additional printed copies, email your request to <u>info@connectpositronic.com</u>. Please indicate the catalog and revision level requested, along with your name, address, city, state/province, and postal code.

Also, updated PDF catalogs can be obtained by visiting our web site at <u>www.connectpositronic.com</u>.

A-002 Rev. B2

PLEASE UPDATE YOUR CATALOG ACCORDINGLY.

We will make these corrections in the upcoming printing of this catalog. Contact us for any additional information at the appropriate location listed above.



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_	DATE	REV	REVISION RECORD	DRN	CKD	APF	
N)	25 MAY 07 NC	NC	PA ECO 07126	NK	KM	KS	
(1)	30 MAY 07	A	PA ECO 07129	NK	KM	KS	۲
	18 AUG 09	В	PA ECO 09159	RG	ΕH	NK	

NOTES:

1. MATERIALS AND FINISHES: INSULATOR: GLASS FILLED NYLON, UL 94V-0 OR EQUIVALENT. COLOR: GREEN. CONTACTS: PRECISION MACHINED COPPER ALLOY WITH GOLD FLASH OVER NICKEL. REMOVABLE CONTACTS ARE TO BE ORDERED SEPARATELY

					3X Size 16 Contacts 5mm Recess		
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS [INCHES]	LINEAR : ±0.38 [0.015] ANGULAR : ±5°		PC 3014 Tel: (85	ASK21162-2	ASK21162-1	DRAWING NO.	
DATE DRAWING NUMBER 25 MAY 07 ASK21162-*	™ DF03F00 DF03F00/AA	series DF	IA UBI ROAD 1, ; 0842-1419 / Fax: (65) 684	DF03F00/AA	DF03F00	PART NUMBER	
21162-* SHEET 1 OF 1	Δ	NTS NK KM	POSITRONIC ASIA PTE. LTD. 3014A UBI ROAD 1, #07-01. SINGAPORE 408703. Tel: (65) 8842-1419 / Fax: (65) 8842-1421 / Email: singapore@connectpositronic.com	RoHS COMPLIANT PER RoHS DIRECTIVE 2002/95/EC OF 27 JAN 2003.		REMARKS	
1 REV. B		KM KS	.TD. 18703. itronic.com	95/EC			

25.70 [1.012]

Dragonfly Version 03 Female Cable Connector

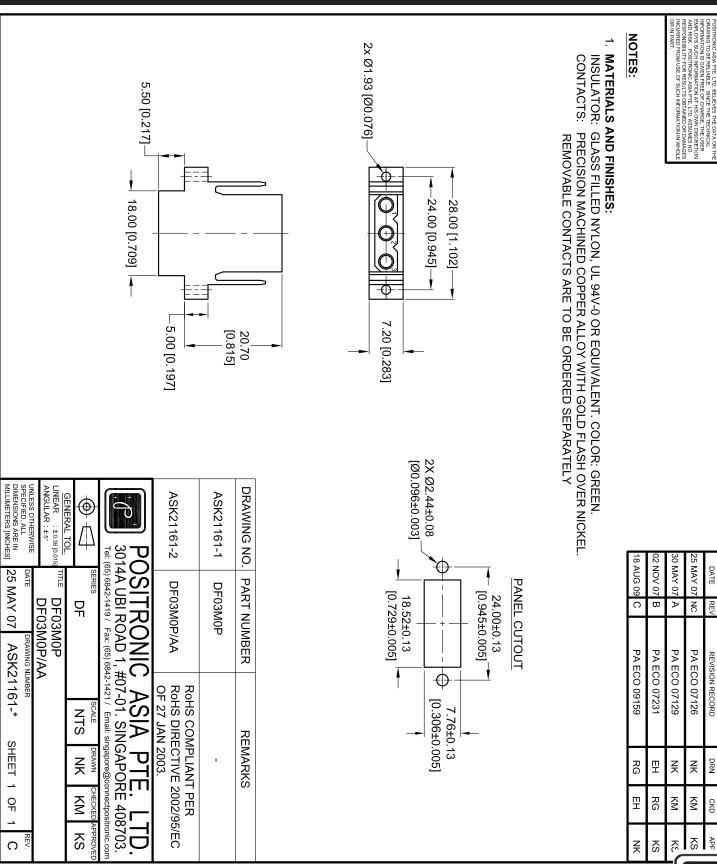
-23.00 [0.906]--

DRAGONFLY





Dragonfly Version 03 Male Panel Connector



ASK21161-*

SHEET 1

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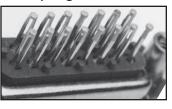


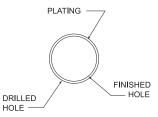
SUGGESTED PRINTED BOARD HOLE SIZES COMPLIANT PRESS-FIT CONNECTORS

Traditionally, tin-lead has been a popular plating for PCB holes. However, many PCB hole platings must now be RoHS Compliant. Positronic is pleased to offer **PCB HOLE SIZE FOR RoHS** PCB plating as shown below.

BI-SPRING COMPLIANT PRESS-FIT CONTACT HOLE							
BOARD TYPE	CONTACT SIZE	RECOMMENDED DRILL HOLE SIZE	RECOMMENDED PLATING	FINISHED HOLE SIZES			
TIN-LEAD SOLDER PCB	16	<u>ø1.750±0.025</u> [ø0.0689±0.0010]	15μ [0.0006] minimum solder over 25μ [0.0010] min. copper	<u>ø1.600+0.090-0.060</u> [ø0.0630+0.0035-0.0024]			
		RoHS PCB P	LATING OPTIONS				
COPPER PCB	16	<u>ø1.750±0.025</u> [ø0.069±0.001]	25µ [0.0010] min. copper	<u>ø1.600+0.090-0.060</u> [ø0.0630+0.0035-0.0024]			
IMMERSION TIN PCB	16	<u>ø1.750±0.025</u> [ø0.069±0.001]	0.85±0.15µ [0.000033±0.00006] immersion tin over 25µ [0.0010]min. copper	<u>ø1.600+0.090-0.060</u> [ø0.0630+0.0035-0.0024]			
IMMERSION SILVER PCB	16	<u>ø1.750±0.025</u> [ø0.069±0.001]	0.34±0.17µ [0.000013±0.000007] immersion silver over 25µ [0.0010] min. copper	<u>ø1.600+0.090-0.060</u> [ø0.0630+0.0035-0.0024]			
ELECTROLESS NICKEL/ IMMERSION GOLD PCB	16	<u>ø1.750±0.025</u> [ø0.069±0.001]	0.05µ [0.00002] min. immersion gold over [4.5±1.5µ [0.000177±0.000059] electroless nickel per IPC-4552 over 25µ [0.0010]min. copper	<u>ø1.600+0.090-0.060</u> [ø0.0630+0.0035-0.0024]			

"Bi-Spring" Termination

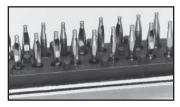




PRESS-FIT CONTACT HOLE

Note: For PCB plating compositions not shown, consult Technical Sales.

"Omega" Termination



BOARD TYPE	CONTACT SIZE	RECOMMENDED DRILL HOLE SIZE	RECOMMENDED PLATING	FINISHED HOLE SIZES
TIN-LEAD SOLDER PCB	20 22	<u>ø1.150±0.025</u> [ø0.0453±0.0010]	15μ [0.0006] minimum solder over 25μ [0.0010] min. copper	<u>ø1.000+0.090-0.060</u> [ø0.0394+0.0035-0.0024]
		<u>RoHS</u> PCB P	LATING OPTIONS	
COPPER PCB	20 22	<u>ø1.19±0.025</u> [ø0.047±0.001]	25µ [0.0010] min. copper	<u>ø1.09±0.05</u> [ø0.043±0.002]
IMMERSION TIN PCB	20 22	<u>ø1.19±0.025</u> [ø0.047±0.001]	0.85±0.15µ [0.000033±0.00006] immersion tin over 25µ [0.0010]min. copper	<u>ø1.09±0.05</u> [ø0.043±0.002]
IMMERSION SILVER PCB	20 22	<u>ø1.19±0.025</u> [ø0.047±0.001]	0.34±0.17µ [0.000013±0.000007] immersion silver over 25µ [0.0010]min. copper	<u>ø1.09±0.05</u> [ø0.043±0.002]
ELECTROLESS NICKEL/ IMMERSION GOLD PCB	20 22	<u>ø1.19±0.025</u> [ø0.047±0.001]	0.05µ [0.00002] min. immersion gold over 4.5±1.5µ [0.000177±0.000059] electroless nickel per IPC-4552 over 25µ [0.0010] min. copper	<u>ø1.09±0.05</u> [ø0.043±0.002]

OMEGA COMPLIANT PRESS-FIT CONTACT HOLE

Note:

- DF04 uses size 16 bi-spring press-fit and size 22 omega press-fit contacts.
- DF07 uses size 16 bi-spring press-fit contacts.
- DF10 uses size 20 omega press-fit contacts.
- DF16 uses size 22 omega press-fit contacts.

