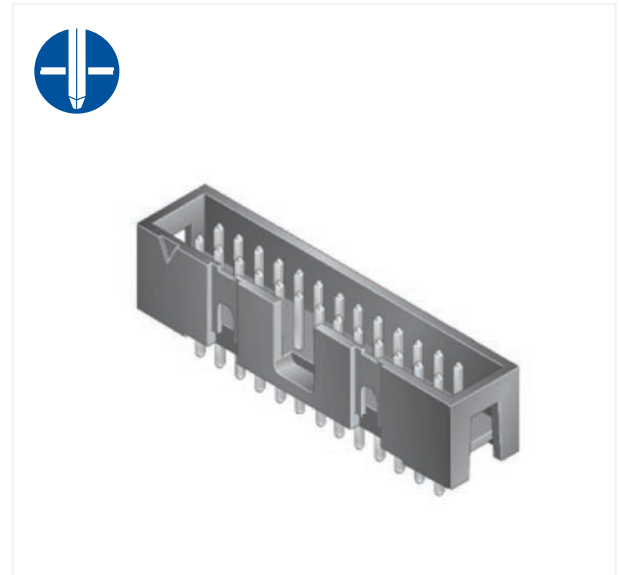


QUICKIE™ SHROUDED HEADERS LOW PROFILE



FEATURES & BENEFITS

- Recessed pins assure proper alignment and eliminate damage during mating
- End windows for latching with IDC receptacle

▶ QUICKIE™ SHROUDED HEADERS LOW PROFILE

TECHNICAL INFORMATION

MATERIALS

- Housing: Glass filled, thermoplastic polyester, blue
- Flammability rating: UL94V-0
- Pin: Phosphor-bronze
- Plating: Gold/GXT over 1.27µm (50µin.) nickel

ELECTRICAL PERFORMANCE

- Current rating: 3A continuous
- Insulation resistance: $1 \times 10^5 \text{M}\Omega$ min.
- Dielectric withstanding voltage: 500V RMS min.



ENVIRONMENTAL

- Operating temperature range: -65°C to $+105^\circ\text{C}$

MECHANICAL PERFORMANCE

- Pin retention to housing: 20 N min.

SPECIFICATIONS

-  File no. E66906
-  File no. LR46923
- Product drawing: By 5-digit base part number
- Product specification: BUS-12-082

APPROVALS AND CERTIFICATIONS

- This product is RoHS compatible according to the European Union Directive 2002/95/IEC

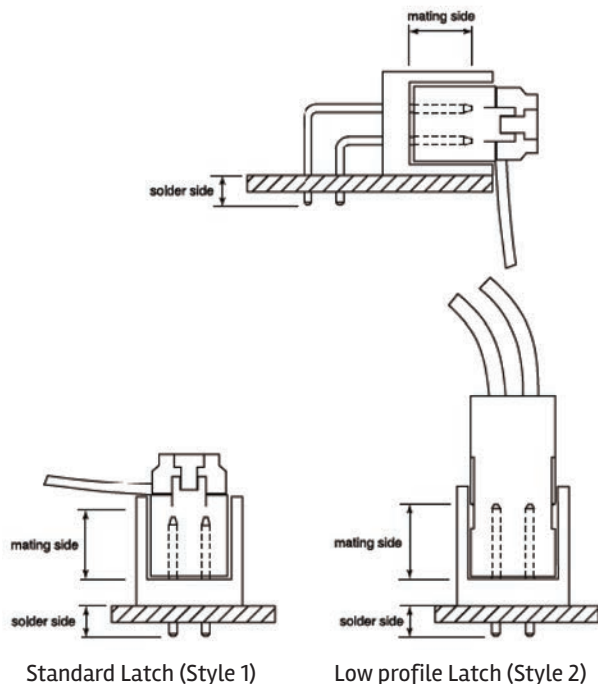
PACKAGING

- Tubes

PROCESSING INFORMATION

- Compatible with wave soldering processes

TYPICAL APPLICATIONS



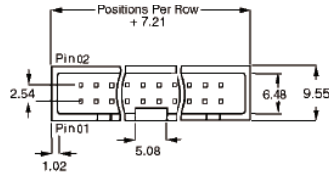
▶ QUICKIE™ SHROUDED HEADERS LOW PROFILE

PART NUMBERS

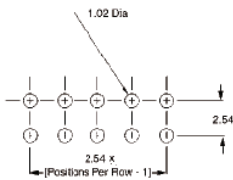
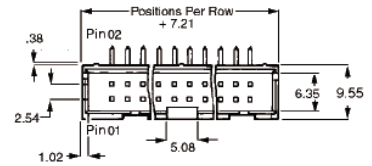
5 - DIGIT BASE PART NUMBER		PLATING	TOTAL POSITIONS	LF
Through Mount			4 pos.	30
Vertical	75869		6 pos.	31
Right angle	75867		8 pos.	32
			10 pos.	01
			14 pos.	02
			16 pos.	03
			20 pos.	04
			26 pos.	05
			34 pos.	06
			40 pos.	07
			50 pos.	08
			60 pos.	09
			64 pos.	10
0.76µm (30µin.) gold/GXT on mating area, tin on solder side		1		

PRODUCT

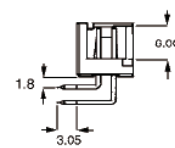
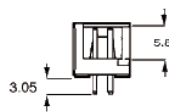
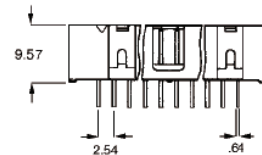
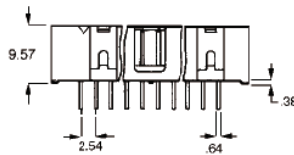
Vertical



Right Angle



Recommended PCB layouts



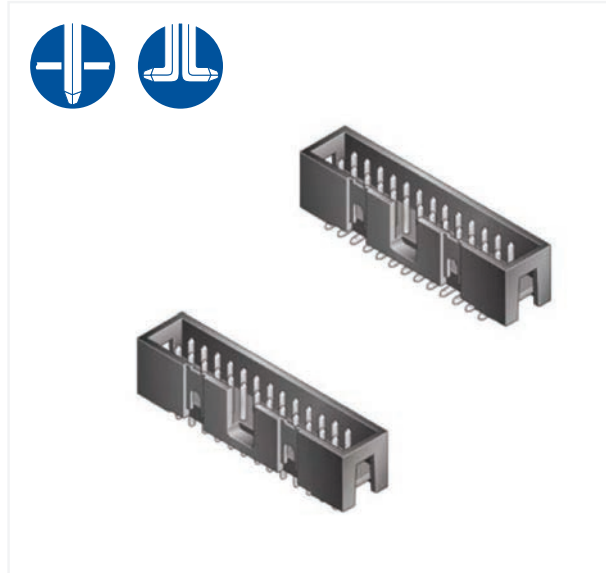
Dimension in mm

For more information,
please contact: Communications@fci.com
or visit us at www.fci.com

Disclaimer

Please note that the above information is subject to change without notice.

QUICKIE™ SHROUDED HEADERS LOW PROFILE SMT, PIN-IN-PASTE



FEATURES & BENEFITS

- High temperature housing
- Compatible with IR reflow soldering processes
- Tape-and-Reel packaging for automatic pick-and-place

▶ QUICKIE™ SHROUDED HEADERS LOW PROFILE SMT, PIN-IN- PASTE



TECHNICAL INFORMATION

MATERIALS

- Housing: Glass filled, high temperature thermoplastic polyester, black
- Flammability rating: UL94V-0
- Pin: Phosphor-bronze
- Plating: Gold/GXT over 1.27µm (50µin.) nickel

ELECTRICAL PERFORMANCE

- Current rating: 3A continuous
- Insulation resistance: 1 x 10⁵MΩ min.
- Dielectric withstanding voltage: 500V RMS min.



ENVIRONMENTAL

- Operating temperature range: -65°C to +125°C

MECHANICAL PERFORMANCE

- Pin retention to housing: 20 N min.

SPECIFICATIONS

-  File no. E66906
-  File no. LR46923
- Product drawing: By 5-digit base part number
- Product specification: BUS-12-055

APPROVALS AND CERTIFICATIONS

- This product is RoHs compatible according to the European Union Directive 2002/95/IEC

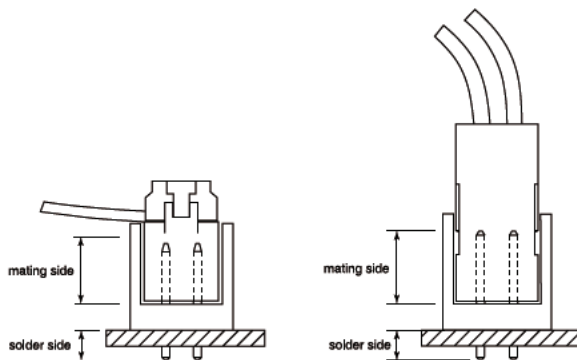
PACKAGING

- SMT: Tape-and-reel with pick-up cap
- PiP, right angle: Tube without pick-up cap
- PiP, straight: Tape-and-reel

PROCESSING INFORMATION

- Compatible with wave, vapor-phase, and IR reflow soldering processes

TYPICAL APPLICATIONS



Disclaimer

Please note that the above information is subject to change without notice.

▶ QUICKIE™ SHROUDED HEADERS LOW PROFILE SMT, PIN-IN-PASTE



PART NUMBERS

SMT (Surface Mount)

52601	—	G	TOTAL POSITIONS	8TLF
-------	---	---	-----------------	------

10
14
16
20
26
30
34
40
44
50
60

PiP (Pin-in-Paste)

BASE PART NUMBER	—	G	TOTAL POSITIONS	OPTION	LF
------------------	---	---	-----------------	--------	----

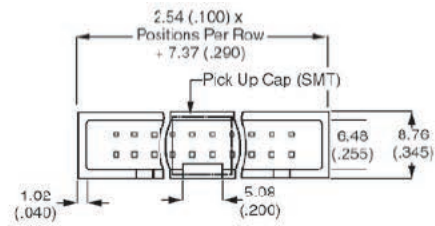
Vertical	10056844
Right angle	10056845

8
10
14
16
20
26
30
34
40

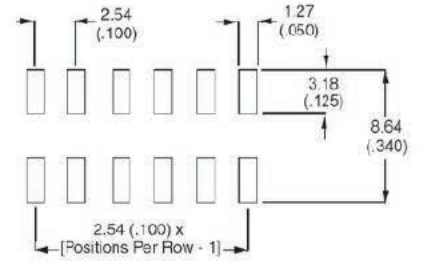
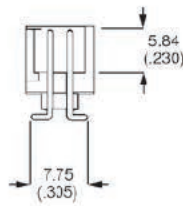
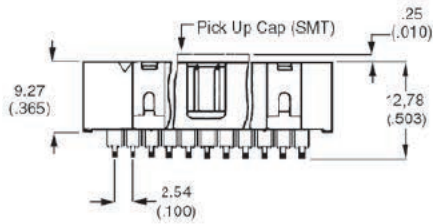
Tape & reel (for vertical)	A
Tube (for right angle)	Blank

▶ QUICKIE™ SHROUDED HEADERS LOW PROFILE SMT, PIN-IN- PASTE

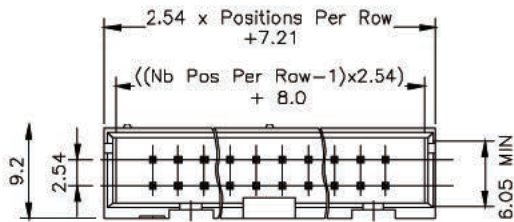
PRODUCT



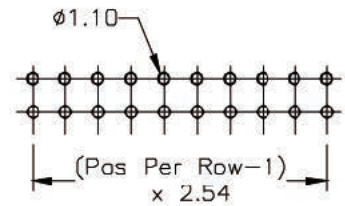
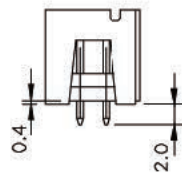
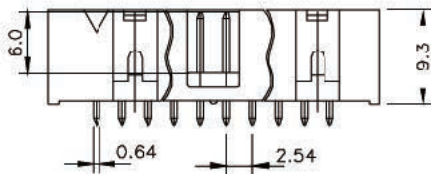
52601



Recommended PCB layouts



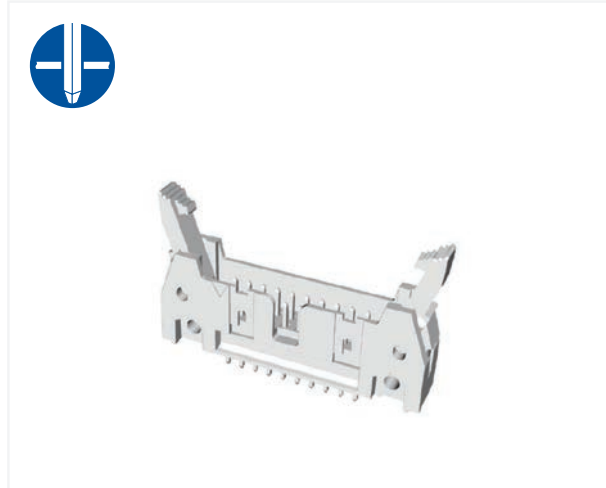
10056844



Recommended PCB layouts

Dimension in mm

QUICKIE™ SHROUDED HEADERS EJECT LATCH



FEATURES & BENEFITS

- Selective plating
- Recessed pins assure proper alignment and eliminate damage during mating

▶ QUICKIE™ SHROUDED HEADERS EJECT LATCH

TECHNICAL INFORMATION

MATERIALS

- Housing: Glass filled, high temperature thermoplastic polyester, grey
- Flammability rating: UL94V-0
- Pin: Phosphor-bronze
- Plating: Gold/GXT over 1.27µm (50µin.) nickel

ELECTRICAL PERFORMANCE

- Current rating: 3A continuous
- Insulation resistance: $1 \times 10^5 \text{M}\Omega$ min.
- Dielectric withstanding voltage: 500V RMS min.

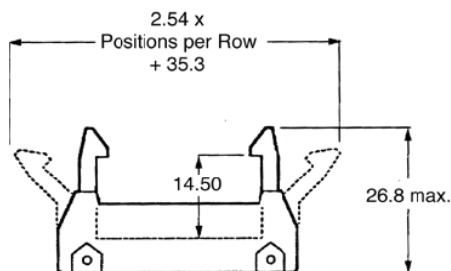
ENVIRONMENTAL PERFORMANCE

- Operating temperature range: -65°C to $+105^\circ\text{C}$

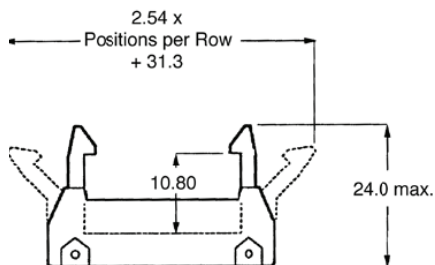
MECHANICAL PERFORMANCE

- Pin retention to housing: 20 N min

TYPICAL APPLICATIONS





Standard Latch (Style 1)



Low profile Latch (Style 2)

SPECIFICATIONS

-  File no. E66906
-  File no. LR46923
- Product drawing: By 5-digit base part number
- Product specification: BUS-12-082

APPROVALS AND CERTIFICATIONS

- This product is RoHS compatible according to the European Union Directive 2002/95/IEC

PACKAGING

- Tubes

PROCESSING INFORMATION

- Compatible with wave soldering processes

QUICKIE™ SHROUDED HEADERS EJECT LATCH

PART NUMBERS

CORE RANGE

71918 — 1XXLF

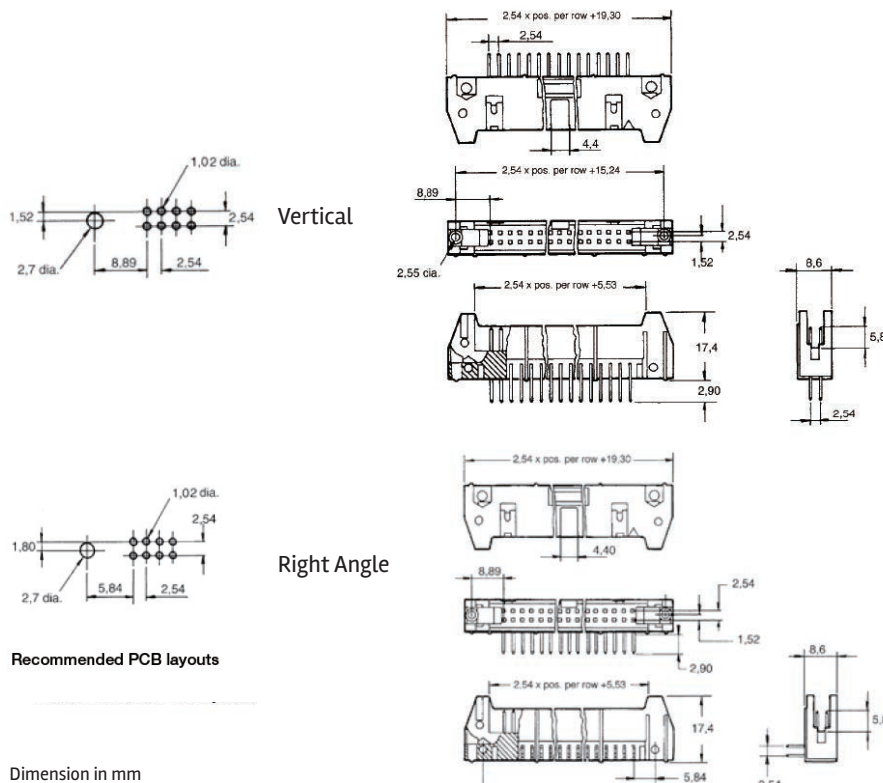
71922 — 1XXLF

XX = 06, 08, 10, 16, 20

5 - DIGIT BASE PART NUMBER		LATCH STYLE	TOTAL POSITIONS	LF
Through Mount		Standard (mates with IDC receptacle with strain relief)	1	06
Vertical	71918			08
Right Angle	71922			10
		Low profile (mates with IDC receptacle without strain relief)	2	14
				16
				18
				20
				26
				30
				34
				40
				44
				50
				60
				64

Plating	
0.76µm (30µin.) gold/GXT on mating area, tin on solder side	1

PRODUCT



For more information,
please contact: Communications@fci.com
or visit us at www.fci.com

Disclaimer
Please note that the above information is subject to change without notice.

QUICKIE™ IDC RECEPTACLES





TECHNICAL INFORMATION

MATERIALS

- Housing: Grey thermoplastics
- Flammability rating: UL94V-0
- Contact: Phosphor-bronze
- Plating: Gold/GXT over 1.27µm (50µin.) nickel

ELECTRICAL PERFORMANCE

- Current rating: 1A continuous
- Insulation resistance: 1 x 10⁵MΩ min.
- Contact resistance: 15mΩ max.
- Dielectric withstanding voltage: 1000V RMS min. (sea level)



ENVIRONMENTAL

- Operating temperature range: -65°C to +105°C

MECHANICAL PERFORMANCE

- Mating cycles (durability): 100

SPECIFICATIONS

-  File no. E66906
-  File no. LR46923
- Product drawing: By 5-digit base part number
- Product specification: BUS-12-095

APPROVALS AND CERTIFICATIONS

- This product is RoHS compatible according to the European Union Directive 2002/95/IEC

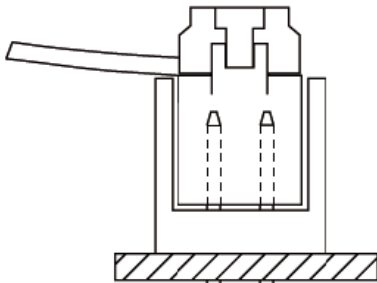
PACKAGING

- Tubes

PROCESSING INFORMATION

- Compatible with wave soldering processes

TYPICAL APPLICATIONS



Low Profile Latch (Style 2)

PART NUMBERS

CORE RANGE

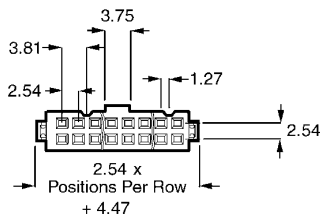
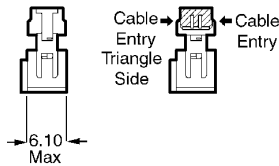
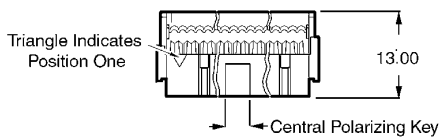
71600 — **0XXLF**

XX = 04, 06, 08, 10, 16, 20

7	1	6	0	0	—	STRAIN RELIEF	TOTAL POSITIONS	LF	
						Standard (mates with shrouded eject latch header latch 1)	0	04	26
						None (mates with shrouded eject latch header latch 2)	1	06	34
						Latching (mates with low profile headers)	6	08	40
								10	50
								14	60
								16	64
								20	

Note: 4 position available without strain relief only

PRODUCT

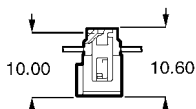
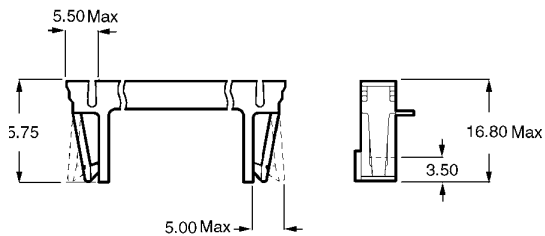


0
Standard
Strain Relief

6
Latching Strain Relief
For Low Profile Header



1
Without
Strain Relief



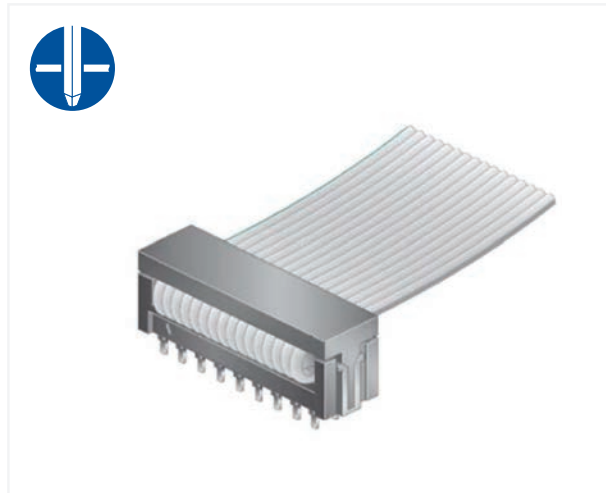
Dimension in mm

For more information,
please contact: Communications@fci.com
or visit us at www.fci.com

Disclaimer

Please note that the above information is subject to change without notice.

QUICKIE™ IDC PCB CONNECTOR



FEATURES & BENEFITS

- Ideal for daisy chain applications
- Single piece design provides one of the lowest applied costs in the industry

TECHNICAL INFORMATION

MATERIALS

- Housing: Blue thermoplastic
- Flammability rating: UL94V-0
- Pin: Phosphor-bronze
- Plating: Tin over 1.27µm (50µin.) nickel

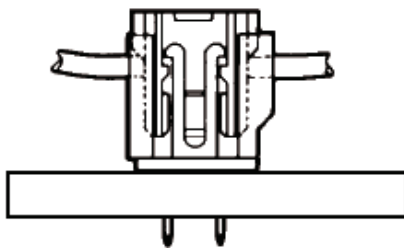
ELECTRICAL PERFORMANCE

- Current rating: 1A continuous
- Insulation resistance: $1 \times 10^5 \text{M}\Omega$ min.
- Contact resistance: $15 \text{M}\Omega$ max.
- Dielectric withstanding voltage: 1000V min. RMS (sea level)



ENVIRONMENTAL PERFORMANCE

- Operating temperature range: -65°C to $+125^\circ\text{C}$

TYPICAL APPLICATIONS



SPECIFICATIONS

-  File no. E66906
-  File no. LR46923
- Product drawing: By 5-digit base part number
- Product specification: BUS-12-095

APPROVALS AND CERTIFICATIONS

- This product is RoHS compatible according to the European Union Directive 2002/95/IEC

PACKAGING

- Tubes

PROCESSING INFORMATION

- Compatible with wave, vapor-phase and soldering processes – Low temperature

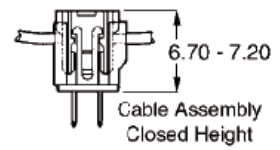
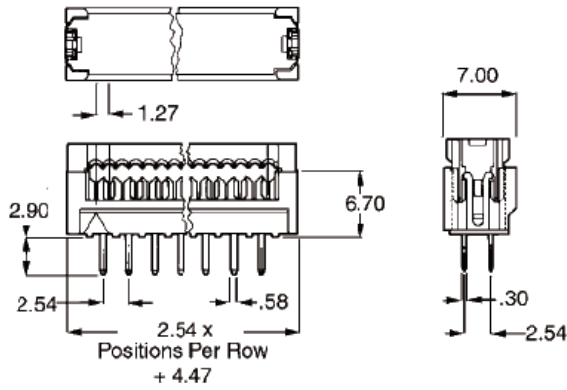
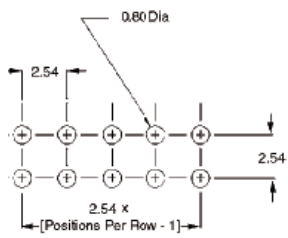


PART NUMBERS



6 pos	06
8 pos	08
10 pos	10
14 pos	14
16 pos	16
18 pos	18
20 pos	20
24 pos	24
26 pos	26
30 pos	30
34 pos	34
40 pos	40
50 pos	50
60 pos	60
64 pos	64

PRODUCT



Recommended PCB Layouts

Dimension in mm

BWBQUICKIDC0813EA4