



Product catalog

High speed

FCI Basics+

About FCI

Latest News

Employment



Interactive product catalog

Round Conductor, Flat Cable IDC Connectors

→ Customer drawing



→ Product specification



→ Sample request

69830-050



FCI basics

QUICK SHIP
SAMPLES

Quickie™ IDC 2-Row PCB Connector 2.54 x 2.54 mm (0.100 x 0.100 in.)

SEARCH BY :

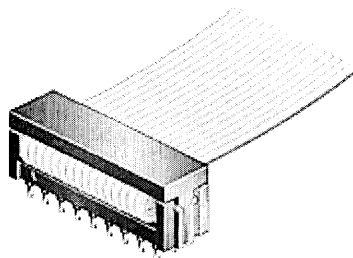
→ Part number

 GO

- Product type
- Application
- Industry standard
- Product tradename
- Cross reference
- Alphabetic list
- Application tooling
- Catalog keyword

 GO

- Fiber optics
- Systems & Assemblies
- Custom products
- Product literature
- Technical library



4129295

Region

Product Type

Total # of Positions

Mounting Style

Contact Area Plating

Contact Plating Specification

Housing Material

Tail Plating

Tail Plating Specification

Strain Relief

Tail Length

Tail Length (in.)

Color

Packaging Type

Features Selected

Europe

PCB Connector

50

Board thru-mount

3.81 µm (150 µin.) tin-lead

Tin/Lead

Glass-filled Thermoplastic polyester

3.81 µm (150 µin.) tin-lead

Tin/Lead

No

2.90 mm

0.114 in.

Blue

Tubes

Other Properties

Contact Base Material

Contact Underplating

Insulation Resistance

Withstanding Voltage

Current Rating

Temperature Range

Board thickness

Contact Resistance

Approvals/Certifications

Trademark

Application Equipment

Copper alloy

1.27 µm (50 µin.) Nickel

50000 M ohms

1000 V ac rms

1 amp continuous

-65 °C to +105 °C

P.C. 1.58 mm (0.062 in.) or 3.18 mm (0.125 in.)

15 m ohms max

UL and CSA approved

Quickie™

QP-104

QP-106

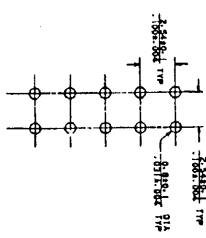
QP-112

Back

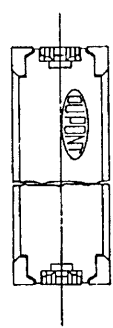
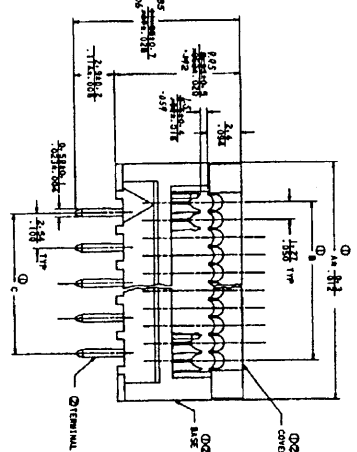
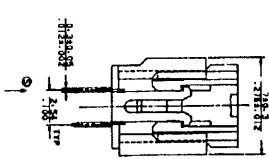
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PRODUCT NO
69830

PRODUCT NO.	COVER P/N	BASE ASSY P/N	NO. OF POSITION	A	B	C
69830-008	69831-008	69831-008	8	12.08 / .478	6.35 / .250	5.48 / .215
-008	-008	-008	8	12.08 / .478	6.35 / .250	5.48 / .215
-010	-010	-010	8	12.08 / .478	6.35 / .250	5.48 / .215
-012	-012	-012	8	12.08 / .478	6.35 / .250	5.48 / .215
-014	-014	-014	8	12.08 / .478	6.35 / .250	5.48 / .215
-016	-016	-016	8	12.08 / .478	6.35 / .250	5.48 / .215
-018	-018	-018	8	12.08 / .478	6.35 / .250	5.48 / .215
-020	-020	-020	8	12.08 / .478	6.35 / .250	5.48 / .215
-022	-022	-022	8	12.08 / .478	6.35 / .250	5.48 / .215
-024	-024	-024	8	12.08 / .478	6.35 / .250	5.48 / .215
-026	-026	-026	8	12.08 / .478	6.35 / .250	5.48 / .215
-028	-028	-028	8	12.08 / .478	6.35 / .250	5.48 / .215
-030	-030	-030	8	12.08 / .478	6.35 / .250	5.48 / .215
-032	-032	-032	8	12.08 / .478	6.35 / .250	5.48 / .215
-034	-034	-034	8	12.08 / .478	6.35 / .250	5.48 / .215
-036	-036	-036	8	12.08 / .478	6.35 / .250	5.48 / .215
-038	-038	-038	8	12.08 / .478	6.35 / .250	5.48 / .215
-040	-040	-040	8	12.08 / .478	6.35 / .250	5.48 / .215
-042	-042	-042	8	12.08 / .478	6.35 / .250	5.48 / .215
-044	-044	-044	8	12.08 / .478	6.35 / .250	5.48 / .215
-046	-046	-046	8	12.08 / .478	6.35 / .250	5.48 / .215
-048	-048	-048	8	12.08 / .478	6.35 / .250	5.48 / .215
-050	-050	-050	8	12.08 / .478	6.35 / .250	5.48 / .215
-052	-052	-052	8	12.08 / .478	6.35 / .250	5.48 / .215
-054	-054	-054	8	12.08 / .478	6.35 / .250	5.48 / .215
-056	-056	-056	8	12.08 / .478	6.35 / .250	5.48 / .215
-058	-058	-058	8	12.08 / .478	6.35 / .250	5.48 / .215
-060	-060	-060	8	12.08 / .478	6.35 / .250	5.48 / .215



RECOMMENDED MOUNTING AND LAYOUT



- NOTES:
1. SEE TABLE.
 2. MATERIAL: POLYESTER(PET) GLASS COVER 30% FILLED, UL 94V-0. COLOR: BLUE. TERMINAL—PHOSPHOR BRONZE.
 3. FINISH: TERMINAL—ALL OVER S_NP₃ PLATING (S_NP₃ 93/71, 3.81μm(150μin) MIN. 1.27μm(50μin) MIN. Ni UNDER PLATING.
 4. APPLICABLE SPECIFICATIONS: PRODUCT SPEC 100-019 CRIMPING (I.D.C) SPEC 100-004.
 5. CONTACT RETENSION FORCE: 400g(1/100 MIN. AGAINST THIS DIRECTION.

SHEET INDEX	ISSUE	SH NO	1
LEVELS			
DO NOT SCALE DRAWING			
TOLERANCE UNLESS OTHERWISE NOTED			
MIL/INCH			
FINISH			
SEE NOTE ③			
APPROVED			
DATE			
SCALE			
SHEET			

DuPont Electronics

QUICKIE DIL PCB CONNECTOR 1.100 SHORT LEG1

SCALE SIZE DWG NO 69830

SHEET 1 OF 1

REV	DESCRIPTION	BY	DATE
B	REVISED AND REDRAWN PER ECR J8277	HS	5/1/86
C	REVISED EC T 38212	775	11/23/92