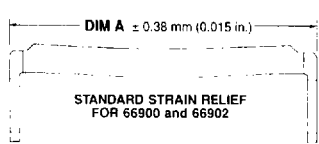
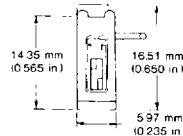


## Description

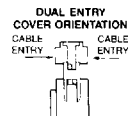
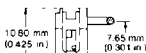
### Quickie™ II IDC Receptacles



**AFTER TERMINATION WITH STANDARD STRAIN RELIEF**



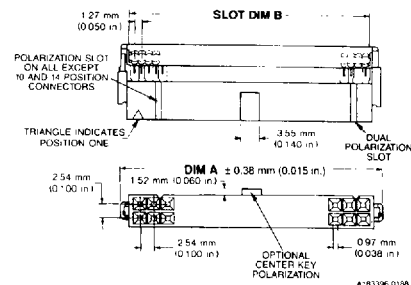
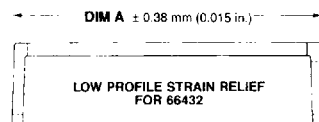
**AFTER TERMINATION WITHOUT STRAIN RELIEF**



**AFTER TERMINATION WITH LOW PROFILE STRAIN RELIEF**



A18396 0187



### Cable Specifications

**Wire size:** Stranded -- AWG 26, 28  
Solid -- AWG 28, 30

**Insulation material:** Any current type  
0.91 ± 0.13 mm (0.036 ± 0.005 in.)

**Pitch:** 1.27 ± 0.08 mm (0.050 ± 0.003 in.)  
non-accumulative

## Ordering Data

Base number specifies plating type and strain relief type

DataSheet4U.com

Last two digits specify total positions for each base number

□ □ □ □ - X Y Y

Specifies polarization and strain relief type

### Base Numbers

66900 and 66432: 0.76 µm (30 µin.) gold over nickel  
Base Number 66902: 0.38 µm (15 µin.) gold over nickel

Number of Positions	*Center and Dual Polarization			*Dual Polarization Slots			Dimensions			
	Base Numbers: 66900 and 66902		Base No. 66432	Base Numbers: 66900 and 66902		Base No. 66432	A		B	
	without strain relief	with standard strain relief	with low-profile strain relief	without strain relief	with standard strain relief	with low-profile strain relief	mm	in.	mm	in.
2 x 5**	-310	-210	-110	-110	-010	-010	17.27	0.680	13.21	0.520
2 x 7**	-314	-214	-114	-114	-014	-014	22.35	0.880	18.29	0.720
2 x 8	-316	-216	-116	-116	-016	-016	24.89	0.980	20.83	0.820
2 x 10	-320	-220	-120	-120	-020	-020	29.97	1.180	25.91	1.020
2 x 12	-324	-224	-124	-124	-024	-024	35.05	1.380	30.99	1.220
2 x 13	-326	-226	-126	-126	-026	-026	37.59	1.480	33.53	1.320
2 x 15	-330	-230	-130	-130	-030	-030	42.67	1.680	38.61	1.520
2 x 17	-334	-234	-134	-134	-034	-034	47.75	1.880	43.69	1.720
2 x 20	-340	-240	-140	-140	-040	-040	55.37	2.180	51.31	2.020
2 x 22	-344	-244	-144	-144	-044	-044	60.45	2.380	56.39	2.220
2 x 25	-350	-250	-150	-150	-050	-050	68.07	2.680	64.01	2.520
2 x 30	-360	-260	-160	-160	-060	-060	80.77	3.180	76.71	3.020

Ordering data shown is for our standard product offering. For non-standard or custom products, contact your authorized Berg Electronics representative.

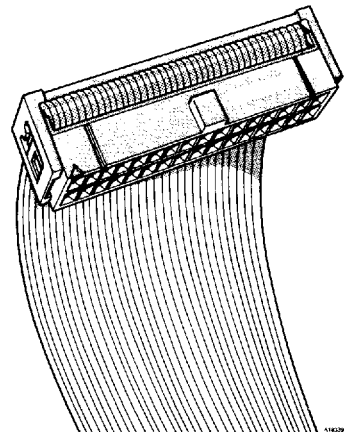
\*Polarizing keys must be installed into the Berg Electronics headers to function with dual-polarization slots.

\*\*Center key option and non-center-key option include right dual-polarization slot only.

# Round Conductor, Flat Cable IDC Connectors

2.54 x 2.54 mm (0.100 x 0.100 in.)  
Centerlines

## Quickie™ II IDC Receptacles



### Features

- 2-row: 10 through 60 total positions.
- Accepts 26, 28 AWG (stranded) or 26, 28, 30 AWG (solid) cable.
- Standard plating available in 0.76 µm (30 µin.) gold.
- IDC receptacle designed according to industry standards.
- Pre-loaded cover reduces time and cost by eliminating assembly-to-base.
- Early-entry dual-beam contact provides long wiping action during mating cycle.
- Precise alignment of cover-to-base ensures a reliable termination.
- Cover protects contacts during handling.
- Double-scalloped cable slot assists accurate positioning of the cable over the contacts.
- Dual-entry cover enables insertion of cable from both sides.
- Sight holes in cover allow for visual and electrical inspection after assembly.

### Options

- Available in other plating styles.
- Dual polarization with or without center key.
- Closed covers available.
- Polarization by means of a polarization plug (P/N 65762-001) or industry-standard center key or military keys.


### Mating Data


Mates with 0.64 mm (0.025 in.) square or round pin from 4.32 mm (0.170 in.) min to 6.35 mm (0.250 in.) max. A nominal 5.84 mm (0.230 in.) length is recommended.

### Berg Electronics Products Page

- Quickie II and III Headers . . . . . 23-16 to 23-49
- BergStik 2-Row Vertical and Right-Angle Headers . . . 13-54, 13-56 & 13-61
- BergPins . . . . . 13-106 to 13-116

### Approvals and Certifications

 File no. E66906

 File no. LR46923

### Application Equipment

Description	Page
▪ Hand-operated cable cutter HT-209A . . . . .	23-65
▪ Hand tool HT-210A . . . . .	23-65
▪ Hand-operated bench press QP-104 . . . . .	23-64
▪ Semi-automatic bench assembly machine QP-106 . . . . .	23-64
▪ Semi-automatic press QP-112 . . . . .	23-64
▪ Fully-automatic assembly machine QP-113 . . . . .	23-65

### Accessories

See receptacle accessory page 23-14 for pull tab and polarization plug data.

### Specifications

Compatible with MIL-C-83503

### Technical Data

#### Materials

- Housing material . . . . . Glass-filled thermoplastic polyester (UL 94 V-0)
  - ▶ Color . . . . . Blue
- Contact body material . . . . . Phosphor-bronze

#### Plating

- Underplate . . . . . 1.27 µm (50 µin.) min nickel
- Finish . . . . . 0.76 µm (30 µin.) min gold or 0.38 µm (15 µin.) min gold

#### Electrical Performance

- Insulation resistance . . . . .  $5 \times 10^4$  MΩ min initial
- Resistance . . . . . 15 mΩ max
- Withstanding voltage . . . . . >1000 V ac rms (sea level)
- Current rating . . . . . 1 amp continuous

#### Mechanical Performance

- Insertion force per contact . . . . . For this
- Normal force per contact . . . . . data,
- Withdrawal force per contact . . . . . see
- Contact retention force . . . . . BUS-12-082
- Durability (mating cycles) . . . . . Specification

#### Operating Environment

- Temperature range . . . . . -65°C to +105°C

#### Packaging

- Antistatic tubes

### Customer Support Materials

Description	Order No.	Description	Order No.
Customer Product Drawing . . . . .	By Part Number	▪ Product Sample . . . . .	Upon Request
Product Specifications . . . . .	BUS-12-082		