Veam VSC Series
19 Pin Connectors for Lighting Applications

Engineered for life
ITT’s Veam VSC is a threaded coupling multi-pin cylindrical connector for lighting applications. Veam is well known for the quality and ruggedness of it’s popular quarter-turn lock “CIR Series” and has utilized CIR’s superior design concepts to provide a very rugged version of the Socapex SL-419 connector family.

**Product Features**
- Sealed to IP67 when mated
- Socapex compatible
- Machined aluminum shells
- Black, hard anodized (non-conductive) finish for scratch and wear resistant surface
- Heavy duty ribbed coupling ring to provide easy manual coupling and uncoupling
- Six circuit identification on front and rear of inserts
- Recessed area in back of Female insert to accept grounding disk
- Seven forward contacts for “First make, last break” grounding
- Insulating sleeve

**Technical Parameters**

Voltage Rating: 700 VDC, 500 VAC  
Current Rating: 41A max; 25A Rated  
Temperature Rating: -55° C to +125° C  
Contact Plating: Gold

**Ordering Information**

<table>
<thead>
<tr>
<th>Shell Type</th>
<th>Contact Type</th>
<th>Code Digit</th>
<th>Cable Clamp</th>
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</thead>
<tbody>
<tr>
<td>06 - Plug</td>
<td>P - Male</td>
<td>M40A</td>
<td>M40S 15-23mm</td>
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<tr>
<td>02 - Receptacle</td>
<td>S - Female</td>
<td>M40A 19-28mm</td>
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<tr>
<td>01 - Cable connecting plug</td>
<td></td>
<td>M40B 22-32mm</td>
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<tr>
<td>26 - Panel mounting plug</td>
<td></td>
<td>PG29 18-26mm</td>
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<td></td>
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<td>B01 10.3mm diameter European</td>
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</table>
|  |  |  | B02 .450mm diameter SJO USA 
|  |  |  | 11.8 mm diameter European |
|  |  |  | B03 .610mm diameter SO USA |

**Male Connectors**

Inline complete with an aluminum backshell and a compression grip cable seal (see cable range above). Both solder or crimp contacts available.

Inline complete with an aluminum backshell and a break out strain relief system (see cable range above). Both solder or crimp contacts available. Watertight to IP67.

Panel Plug (see mounting hole dimensions above). Both solder or crimp contacts available.

Socapex is a registered trademark of Amphenol Corporation.
Female Connectors

Inline complete with an aluminum backshell and a compression grip cable seal (see cable range page 2). Both solder or crimp contacts available.

Female (socket) copper alloy, gold plated. Accommodates wire sizes 12 to 14 AWG. P/N 49103T58 female crimp P/N 49151T58 female solder

Panel gasket (see mounting hole dimensions on page 2). Both solder or crimp contacts available.

Contacts

Crimp

Solder

Male (pin) copper alloy, gold plated. Accommodates wire size 12 to 14 AWG P/N 49102T58 male crimp P/N 49150T58 male solder

Female (socket) copper alloy, gold plated. Accommodates wire sizes 12 to 14 AWG. P/N 49103T58 female crimp P/N 49151T58 female solder

Ground Disc

Ground disc is a perforated press-on metal disc used to buss together the ground ring of contacts used in a 6 circuit cable system. P/N 99197-6-10T12

Assembly Tools

1. Crimp tool frame A manual ratchet action crimper with 4-point indent. Guarantees repeatable gas-tight crimp connections. Specify P/N AF8
2. Contact positioner A turret used to position the contacts for proper crimp location. Specify P/N A98906VSC
3. Insertion tool Used to install contacts from the rear of the insert. Specify P/N 46736
4. Extraction tool kit Consists of a handle with two tips and is used to push out both male and female contacts from the front of the connector. Specify P/N A43240VSC
5. Hex wrench Used to attach the turret to the crimp tool frame. Specify P/N M2700-420 Pneumatic crimp tools also available.
Veam Customer Support Locations

AMERICAS

100 New Wood Road
Watertown, CT 06795
phone: 1.860.274.9681
fax: 1.860.274.4963

EUROPE

Germany

Postfach 1120, Cannonstrasse1
Weinstadt, 71365
phone: 49.7151.699.0
fax: 49.7151.699.217

Italy

Corso Europa 41/43
Lainate (MI),
Italy 20020
phone: 39.02938721
fax: 39.0293872300

UK

Jays Close, Viables Estate
Basingstoke, RG22 4BA
phone: 44.1256.311200
fax: 44.1256.323356