

G37 Twelve-channel DT12 Connectors

Features & Benefits

Hard Anodized Aluminum Backshell

Stainless Steel Housing Shell (Male)

Scalloped Neoprene Insulator is Crack-proof and Prevents Rotation

Set-Screws and Castellations Eliminate Accidental Backshell Loosening

3 Micron Mil-Spec Gold Plating on Contacts

Optional Kellem Strain Relief with Over-body Heat Shrink

Completely Weather Tight

Applications

Twelve Channel Balanced Audio Interconnect

Mic or Line Level

Mateable with other DT12 Type Connectors

Gepco's new fourth generation G37 series connectors bring a new level of performance and reliability to the industry standard, twelve-channel DT12 format. The new all-metal backshell, is constructed from hard anodized aluminum, with reverse threads, an o-ring seal, and locks in place with two-set screws into a series of castellations. The front connector shell is now constructed from stainless steel (male end) to prevent connector damage and keyway wear. For the insulator, Gepco's crack-proof neoprene insulator now has a bonded and scalloped design that prevents rotation. The critical part of the audio path, the electrical contacts have also been improved. Both the pins and sockets now feature a new 3 micron, mil-spec, gold plating for improved soldering and tarnish resistance. For the strain relief, the G37 features an oversized nut and rubber gland seal with an optional kellem cord grip and heat shrink.



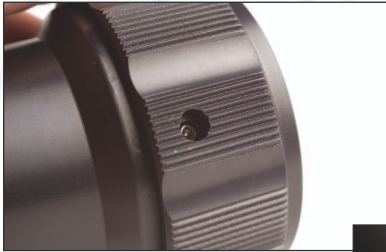
DT12 Connectors

Part #	Gender	Description	Cable Diameter Range	Additional Cord Grip
G37MS	Male	Cable Mount - Small Cable ID	.500" - .620"	—
G37MSK	Male	Cable Mount - Small Cable ID with Kellem	.500" - .620"	Kellem Included (Small)
G37MM	Male	Cable Mount - Medium Cable ID	.620" - .750"	—
G37MMK	Male	Cable Mount - Medium Cable ID with Kellem	.620" - .750"	Kellem Included (Medium)
G37ML	Male	Cable Mount - Large Cable ID	.750" - .870"	—
G37MLK	Male	Cable Mount - Large Cable ID with Kellem	.750" - .870"	Kellem Included (Large)
G37FS	Female	Cable Mount - Small Cable ID	.500" - .620"	—
G37FSK	Female	Cable Mount - Small Cable ID with Kellem	.500" - .620"	Kellem Included (Small)
G37FM	Female	Cable Mount - Medium Cable ID	.620" - .750"	—
G37FMK	Female	Cable Mount - Medium Cable ID with Kellem	.620" - .750"	Kellem Included (Medium)
G37FL	Female	Cable Mount - Large Cable ID	.750" - .870"	—
G37FLK	Female	Cable Mount - Large Cable ID with Kellem	.750" - .870"	Kellem Included (Large)
G37BMM	Male to Male	In-line Barrel	N/A	N/A
G37BFF	Female to Female	In-line Barrel	N/A	N/A
G37MP	Male	Panel Mount	N/A	N/A
G37FP	Female	Panel Mount	N/A	N/A
VKC28TF	Male	Dust Cap for Connectors	N/A	N/A
VKC28TV	Female	Dust Cap for Connectors	N/A	N/A

Technical Specifications

Solder Contacts	16 AWG Max Wire Size, Copper Alloy, Screw Machined, Gold-plated 3 micron mil-g 45204
Back Shell	Hard Anodized Aluminum, Black
Shell	Stainless Steel (Male), Hard Anodized (Female)
Insulator	Neoprene
Current Rating	13 Amperes Rated, 22 Amperes Max
Voltage Rating	700 volts DC, 500 volts AC
Test Voltage	2000 volts AC RMS

G37 Product Features



Set Screw

In addition to the reverse thread backshell, every connector now has two set screws, 180 degrees apart, to secure the backshell and prevent accidental loosening. Both are easily accessible and feature a standard 1/16" allen head.

Castellations

Male gender connectors feature multiple castellations along the edge, while the female genders have a continuous groove around the circumference. These channels allow for a positive lock with the set screw at nearly any position, thus maintaining the integrity of the weather-tight seal.



Backnut & Kellum

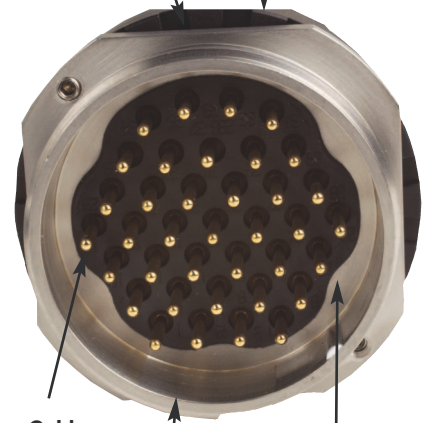
The included standard backnut features wrench flats and custom-sized gland seals that ensure a proper fit and weather resistance. In addition, the backnut can accommodate an optional kelim cord-grip for added strain relief.

O-Ring Seal

Completely weather-tight and fully compressed even with set-screws engaged

Hard Anodized Backshell

Rugged aluminum backshell with reverse thread



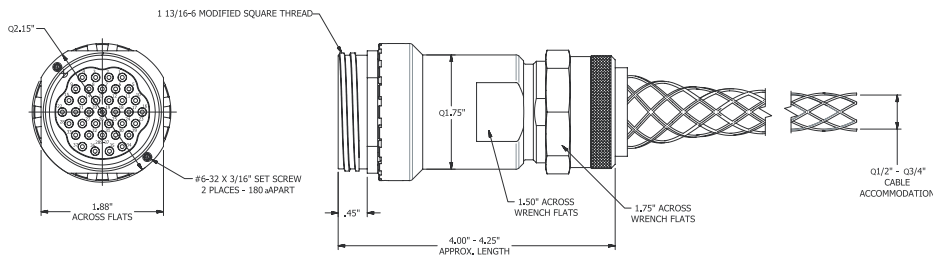
3 micron Gold-plated Contacts
Improves soldering and tarnish resistance

Scalloped Insulator
Prevents rotation and is chip- and crack-proof

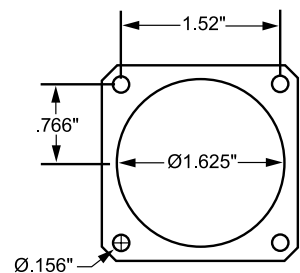
Stainless Steel Shell

Exceptionally durable and virtually eliminates connector shell and key-way damage

G37M (Cable Mount Male)



Panel Mount Connector Mounting Hole



G37F (Cable Mount Female)

