



**canfield
connector**



5JGT SERIES
SOLENOID VALVE
MOLDED
DIN TO GT ADAPTER

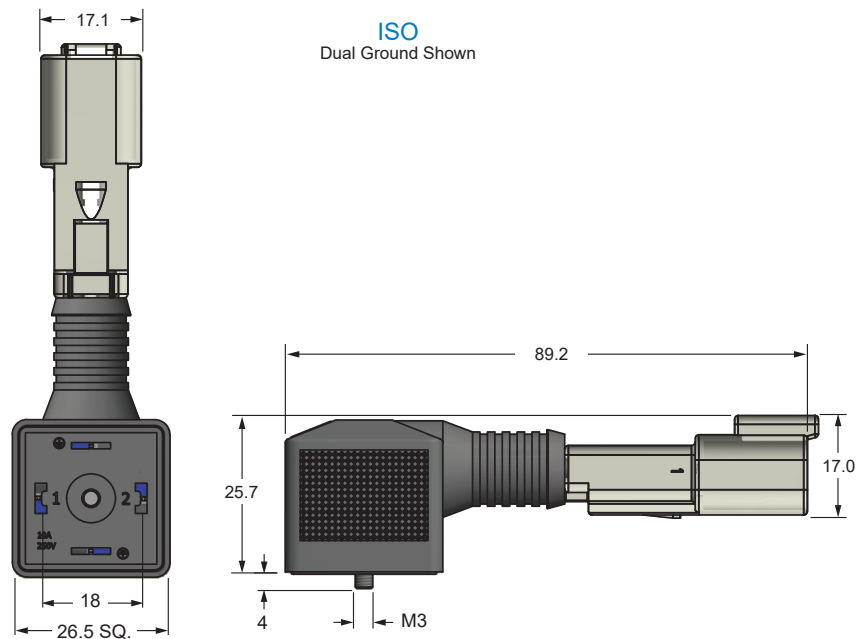
GENERAL DESCRIPTION

The GatorMate™ brand of electrical connectors from Canfield Connector are as tough as their name. This innovative rugged 5JGT connector marries our popular fully molded 5J connector to the Deutsch style GT 2 Pin Receptacle connector, exceeding expectation. The over-molded 5JGT mobile hydraulic DIN Style "A" EN175301-803 (Formerly DIN 43650) to GT DT04-2P Adapter/connector solution is designed for use with hydraulic valves to facilitate connection to the DT06 mating connector. The connector is available with indicator lights and surge suppression and unlighted black or grey housing for "A" and "B" solenoids. All standard voltages are available and the housing is IP67 environment rated. The product is designed to adapt DIN 43650 Form "A" solenoid coils to the GT connector found in many mobile hydraulic solenoid valve applications. Proudly made in the U.S.A.



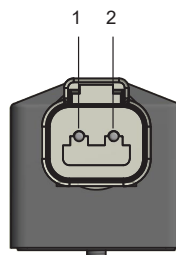
DIMENSIONAL DATA

All dimensions are in millimeters unless otherwise noted.



CONNECTION TYPE

2 Pin Receptacle

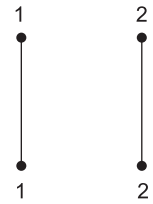


TECHNICAL DATA

Current Max.	10 AMPS
Voltage Max.	120 VAC 50/60 Hz, 250 VDC
Materials	DIN Form A: TPU DT04: Thermoplastic, silicone seal
Temperature Range	-20° to +80°C
Environmental Protection	IP 67 AND NEMA 6
Size	ISO: 18mm pin spacing - DIN Style "A" EN175301-803
Number of Contacts	2 connections

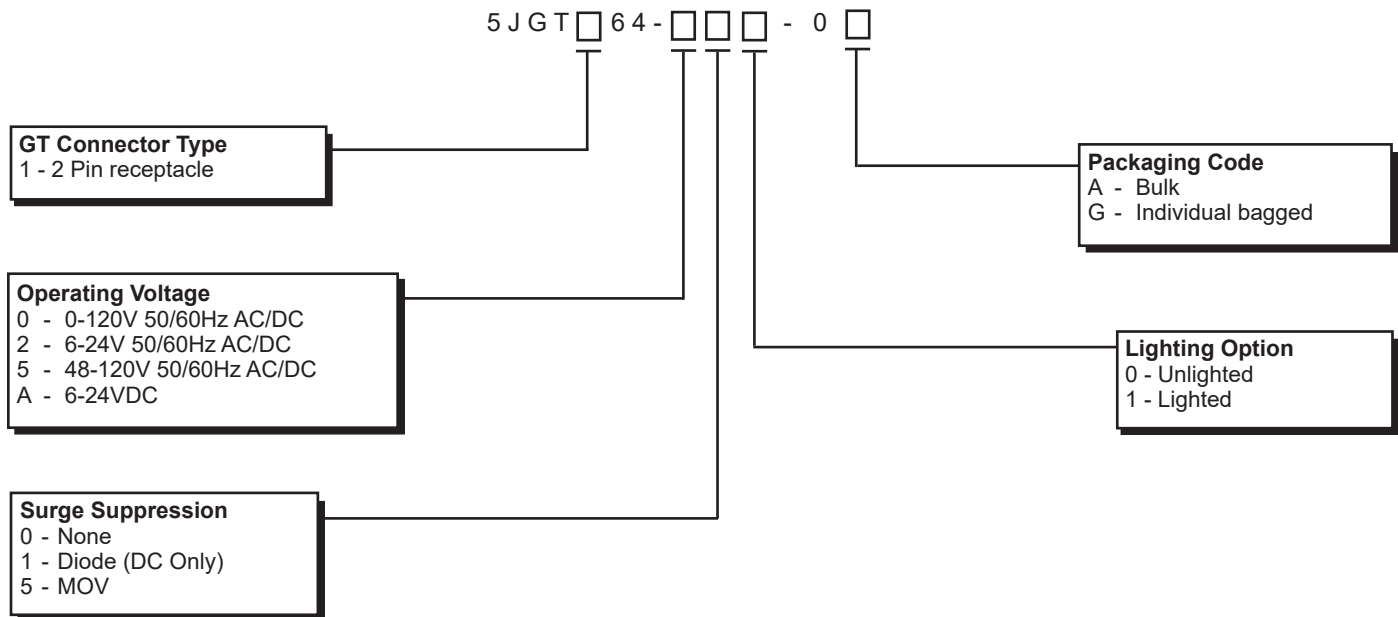
NOTE: Slight discoloration may occur to translucent material after prolonged exposure to UV rays.

SCHEMATIC



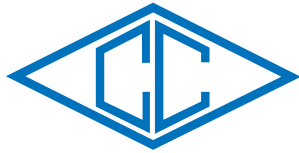
ORDERING INFORMATION

All connectors come standard with integrated gasket and screw.



Ordering Example: 5JGT164-000-0A

2 pin receptacle, 0-120V 50/60Hz AC/DC,
no Suppression, bulk



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5K SERIES

ISO
LIGHTED, LOAD SUPPRESSED MOLDED
SOLENOID VALVE CONNECTORS

GENERAL DESCRIPTION

The Canfield Connector 5K Series DIN solenoid valve connector all molded cord assembly offers a rugged one-piece design that is far better for environmental integrity than field wire solenoid valve connectors. Made from rugged yet flexible polyurethane, the connector housing boasts high durability factors and application versatility. The low profile "90°" interface/cord configuration allows for installation in many limited space applications. The 5K Series is different than the 5J Series version and is offered without the integrated gasket design in order to promote version compatibility as with the Canfield Connector MCCR and iLW. The 5K boasts an IP67/NEMA 6 rating when gasket is applied. The 5K Series as well as the 5F Series and 5J Series are the only molded valve connectors in the industry that feature a Hard Usage cord option in any length required, bi-directional indicator lights, and load suppression (not intended for UL 1449), and is Proudly Made in the U.S.A.

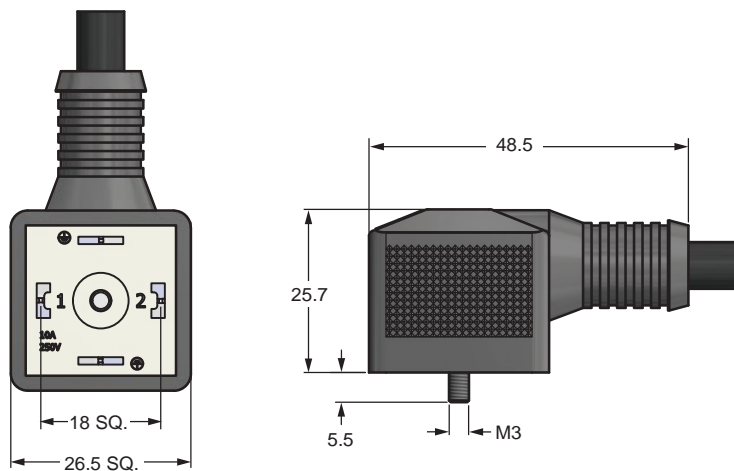


ISO, Unlighted version shown above

DIMENSIONAL DATA

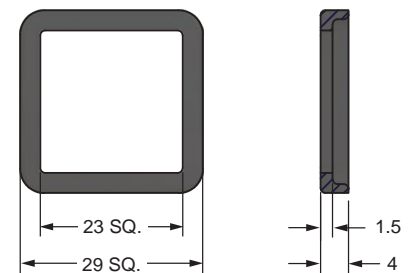
All dimensions are in millimeters unless otherwise noted.

ISO
Dual Ground Shown

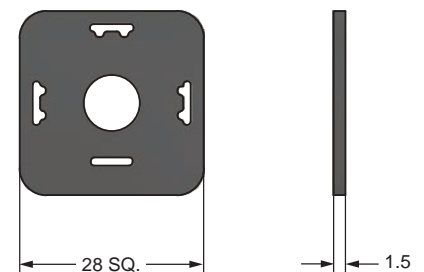


GASKET OPTIONS

Profile



Flat





TECHNICAL DATA

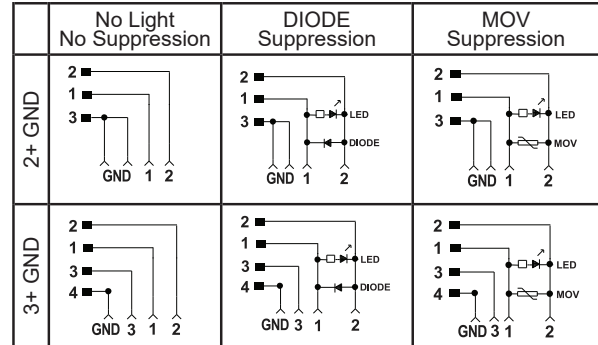
Current Max	10 Amps
Voltage Max.	250 VAC 50/60 Hz, 300 VDC
Materials	Enclosure: Polyurethane Gasket: Polyurethane
Temperature Range	-20° to +80°C
Environmental Protection	IP 67 AND NEMA 6, Dust tight and water resistant (with gasket)
Cable Diameter	EU (European) / US (U.S.A.): 0.275 HU (Hard Usage): .300
Cable Conductor Colors	EU Code: Blue, brown, yellow/green (4th conductor version black) US Code: Black, green, white (4th conductor version red) (Others available on request)
Cable Type	Pressure extruded PVC jacket Hard usage cordage "S" type with SJTOW standard PVC jacket (Others available on request)
Wire Gauge	18 AWG standard 20 AWG standard
Size	18mm pin spacing - DIN Style "A" EN175301-803
Number of Contacts	2+ ground 3+ ground

NOTE: Slight discoloration may occur to translucent material after prolonged exposure to UV rays.

WIRING INFORMATION

Terminal Configuration		
Wire Type	EUR	US / HU
Chassis Ground	YEL & GRN	GRN
(+) Pos. / Hot Pin 1	BRN	BLK
(-) Neg. / Neut. Pin 2	BLU	WHT
Signal Pin 3	BLK	RED

CIRCUIT TYPES



ORDERING INFORMATION

All connectors come standard with screw.

5 K 1 - -

Connector Type
6 - ISO

Gasket Type
0 - No Gasket (Standard)
1 - Nitrile
2 - Profile Nitrile
3 - Silicone

Wire Length
6 - 6 ft cord
F - 15 ft cord
Additional wire lengths available

Contacts
2 - 3+ground down
3 - 3+ground up
4 - 2+dual ground
Additional ground orientations available

Operating Voltage
0 - No light, no suppression***
2 - 6-24V AC/DC 50/60 Hz
5 - 48-120V AC/DC 50/60Hz
8 - 208-240V AC 50/60Hz
A - 6-24VDC (Diode only)
*** Rated 250V AC 50/60Hz, 300V DC

Accessories:
WM-315 ISO/MINI Standard Wire Markers 10X Bag

Packaging Code
A - Bulk
G - Individual bagged

Housing Color
0 - Black (standard)
Translucent (if lighted)
1 - Gray

Wire Option
EU - European wire code / PVC
US - U.S.A. wire code / PVC
HU - Hard Usage / SJTOW (MINI & ISO)
PE - European wire code / PUR
High flex, shielded and high temperature wire available

Lighting Option
0 - Unlighted
1 - Lighted**
** NOT available in 3+ ground

Suppression Type
0 - None
1 - Diode (DC only)**
5 - Metal Oxide Varistor (MOV)**
** NOT available in 3+ ground

Ordering Example: 5K16064-251-US0A

ISO, No Gasket, 6 ft wire length, 2+ dual ground, 6-24V AC/DC 50/60 Hz, MOV, lighted, U.S.A. wire code / PVC jacket, black housing, bulk