www.koolance.com

**Specifications Sheet**

Generated: 2026-11-22

# P/N: QD3-MS13-P

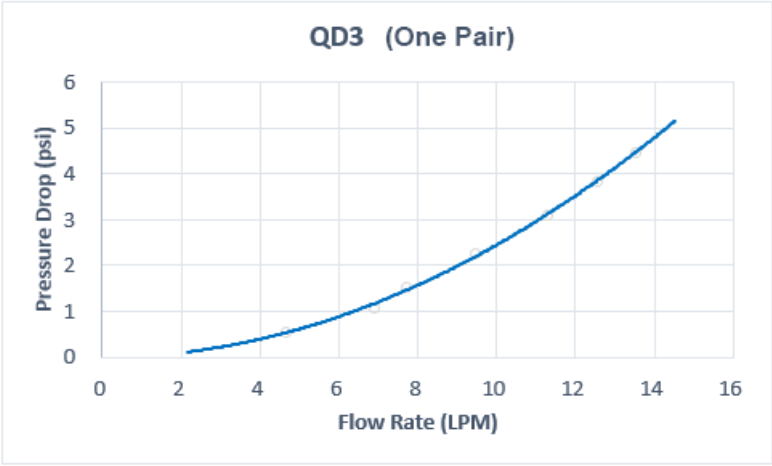
## QD3 Male Quick Disconnect No-Spill Coupling, Panel Barb for ID 13mm (1/2in)

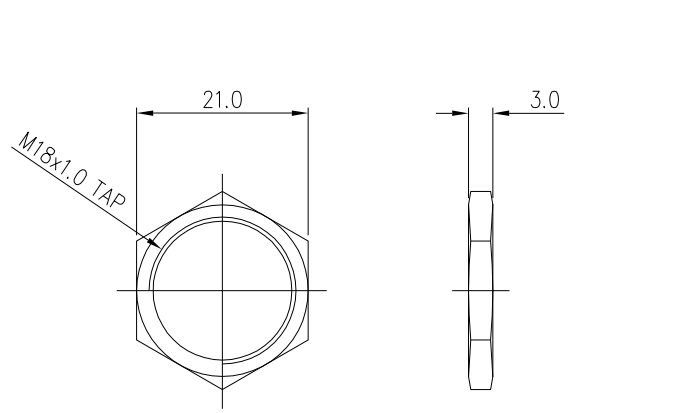


Koolance patented quick disconnect no-spill coupling with automatic shutoff. 13mm (1/2in) ID male panel-mountable barb fitting with spring clamp for 16mm (5/8in) OD. It will only fit a Koolance QD3 female quick disconnect.

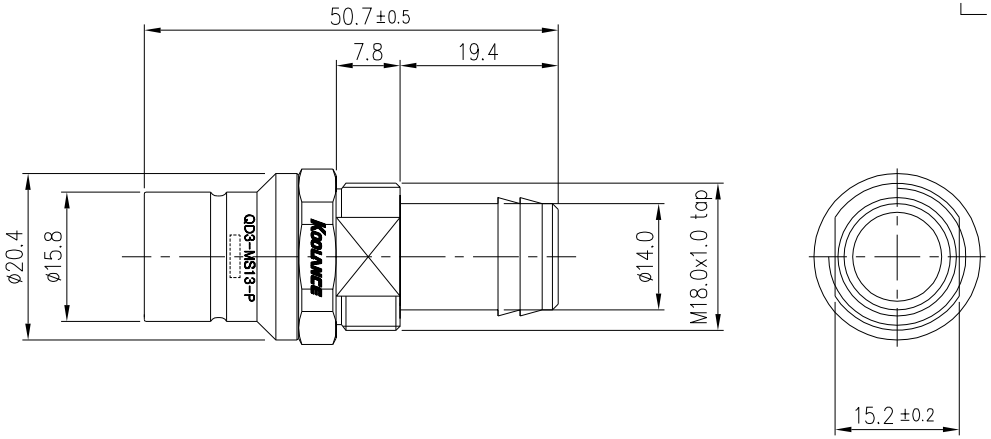
After pulling the ring on the female QDC side, the quick-disconnect fittings will separate. Liquid on both sides will be automatically obstructed with approximately 0.2ml freed. Coolant volume lost upon disconnection will rise with internal pressure higher than 0.5kgf/cm2 (7psi).

| General | |
|---|---|
| Weight | 0.14 lb (0.06 kg) |
| Max No-Spill Pressure | 0.5kgf/cm2 (7psi) |
| Max Pressure Tolerance @ 25°C | 8kgf/cm2 (113.8psi) |
| Max Temperature Tolerance | 80°C (176°F) |
| Min Pressure Tolerance @ 25°C | -1.0kgf/cm2 (-14psi) |
| Min Storage Temperature (*No Freezing) | -20ºC (-4ºF) |
| Seal Material | EPDM (Water/Glycol Liquids) |
| Wetted Materials | Brass, Nickel Plating, Stainless Steel, EPDM |






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REVISION

| NO. | DISCRIPTION | | | | MATER'L | QUANTITY | REMARKS |
|---|---|---|---|---|---|---|---|
| KOOLANCE INC. | | | | | UNIT MM | ITEM QD3 | |
| | BY | BY | BY | APPRO BY | SCALE N/S | TITLE QD3-MS13-P | |
| DATE | | | | | 3RD ANGLE | | |
| | SONG | | | | CODE NO. | DWG. NO. | PAGE |

| DECIMAL PLACES | INCHES | MILLIMETRES |
|---|---|---|
| .XXX | ±.005 | ±0.1 |
| .XX | ±.010 | ±0.3 |
| .X | ±.020 | ±0.5 |
| ANGULAR DIMENSIONS | | |
| XX° | ±0.5° | |
| XX.X° | ±0.1° | |
| SURFACE ROUGHNESS | SURFACE | SURFACE |
| | .63 | 1.6 |