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## **Specifications Sheet**

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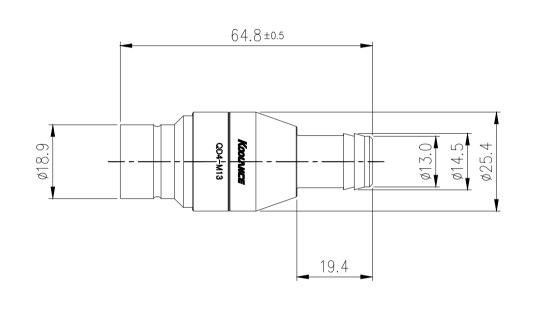
## QD4 Male Quick Disconnect No-Spill Coupling, Barb for ID 13mm (1/2in)

Koolance patented quick disconnect no-spill coupling with automatic shutoff. 13mm (1/2in) ID male hose barb with clamp for 16mm (5/8in) OD. It will only fit a Koolance QD4 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                                 | 0.28 lb (0.13 kg)                               |  |  |  |  |  |
| Max No-Spill Pressure                  | 0.5kgf/cm2 (7psi)                               |  |  |  |  |  |
| Max Pressure Tolerance @ 25°C          | 8kgf/cm2 (113.8psi)                             |  |  |  |  |  |
| Max Temperature<br>Tolerance           | 80°C (176°F)                                    |  |  |  |  |  |
| Min Pressure Tolerance @ 25°C          | -1.0kgf/cm2 (-14psi)                            |  |  |  |  |  |
| Min Storage Temperature (*No Freezing) | -20°C (-4°F)                                    |  |  |  |  |  |
| Seal Material                          | EPDM (Water/Glycol Liquids)                     |  |  |  |  |  |
| Wetted Materials                       | Brass, Nickel Plating,<br>Stainless Steel, EPDM |  |  |  |  |  |





| N  | 0.       |    |    |     | DISCR | PTION          |                |              | MATER'L  |        | QUANTITY |  | REM A | ARKS |
|----|----------|----|----|-----|-------|----------------|----------------|--------------|----------|--------|----------|--|-------|------|
|    | KOOLAHEE |    |    |     |       | DECIMAL PLACES | INCHES         | MILLIMETRES  | UNIT     | ММ     | ITEM Q[  |  | )4    |      |
| Æ  | RE.      |    |    | CE. | -     | .xxx           | ±.005          | ±0.1         | OIIII    | IVIIVI |          |  | 7 T   |      |
|    |          |    |    |     | APPRO | .xx<br>.x      | ±.010<br>±.020 | ±0.3<br>±0.5 | SCALE    | N/S    | TITLE    |  |       |      |
|    |          | BY | BY | BY  | BY    | ANGUL          | ar dimension   | NS.          |          | ,      | QD4-M13  |  |       |      |
| DA | ATE      |    |    |     |       | xx*            | ±0             | 0.5*         | 3RD      | ANGLE  |          |  |       |      |
|    |          |    |    |     |       | xx.x•          | ±0.1*          |              | CODE NO. |        | DWG. NO. |  |       | PAGE |
|    |          |    |    |     |       | SURFACE        | SURFACE        | SURFACE      |          |        |          |  |       |      |
|    |          |    |    |     |       | ROUGHNESS      | .63 1.6        |              | ]        |        |          |  |       |      |

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