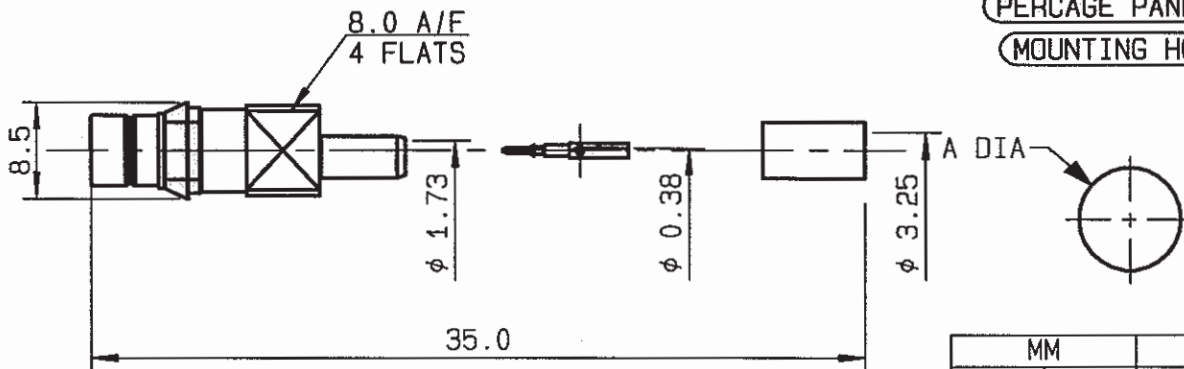


|                                                                            |                     |                 |       |
|----------------------------------------------------------------------------|---------------------|-----------------|-------|
|                                                                            | -<br>TECHNICAL DATA | R214.318.702    |       |
|                                                                            |                     | Issue : 9618    | Page  |
| STRAIGHT HD CONNECTOR C-C MALE CRIMP<br>CABLE 2.6/50 SINGLE SCREEN PACK 20 |                     | Series : HDC 43 | 1 / 2 |

PLUG HDC43/4GTIS

PERCAGE PANNEAU

MOUNTING HOLE



|   | MM   |      | INCH  |       |
|---|------|------|-------|-------|
|   | maxi | mini | maxi  | mini  |
| A | 7.55 | 7.50 | 0.297 | 0.295 |

CABLES : RG179

### CHARACTERISTICS

|                                 |          |                                |
|---------------------------------|----------|--------------------------------|
| NOMINAL IMPEDANCE               | 75       | $\Omega$                       |
| FREQUENCY RANGE                 | 0-3      | GHz                            |
| TEMPERATURE RATING              | -40/+100 | $^{\circ}\text{C}$             |
| VSMR                            | NA +     | 0 x F(GHz)Max1                 |
| RF INSERTION LOSS               | NA       | $\sqrt{F}(\text{GHz})$ dB Max1 |
| VOLTAGE RATING                  | NA       | Vrms Max                       |
| DIELECTRIC WITHSTANDING VOLTAGE | 1500     | Vrms min                       |
| INSULATION RESISTANCE           | 5000     | M $\Omega$ min                 |
| HERMETIC SEAL                   | NA       | Atm.cm3/s                      |
| LEAKAGE (pressurized only)      | NA       | Mpa                            |
| WEIGHT                          | 10       | gr                             |

### STANDARDISATION

|                            |             |
|----------------------------|-------------|
|                            | -           |
|                            | -           |
|                            | -           |
|                            | -           |
| CABLE RETENTION            | 60 N min    |
| CENTER CONTACT RETENTION   |             |
| Axial force - mating end   | 22 N min    |
| Axial force - opposite end | NA N min    |
| Torque (Min)               | NA cm.N min |

### RECOMMENDED TORQUES

|           |    |      |
|-----------|----|------|
| Mating    | NA | cm.N |
| Panel nut | NA | cm.N |
| Clamp nut | NA | cm.N |

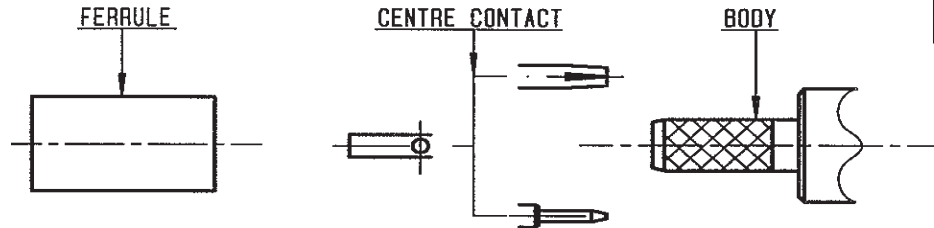
### CONSTRUCTION

| CONNECTOR PARTS | MATERIALS  | FINISH |
|-----------------|------------|--------|
| BODY            | BRASS      | GOLD   |
| OUTER CONTACT   | -          | -      |
| CENTER CONTACT  | BRASS      | GOLD   |
| INSULATOR       | PTFE       | -      |
| FERRULE         | -          | NICKEL |
| GROMMET         | POLYACETAL | -      |
| -               | -          | -      |
| -               | -          | -      |
| -               | -          | -      |
| -               | -          | -      |

R214.318.702

Issue : 9618

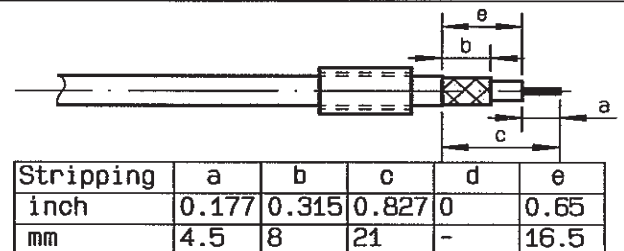
Page  
2 / 2



①

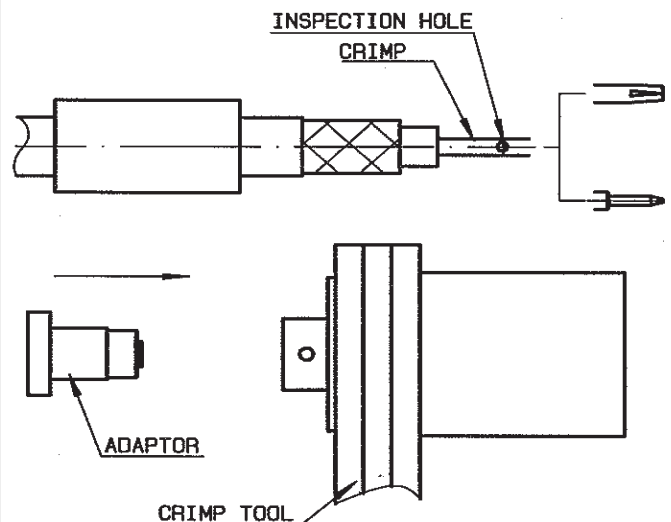
Slide ferrule onto cable.  
Strip cable.

-  
-  
-



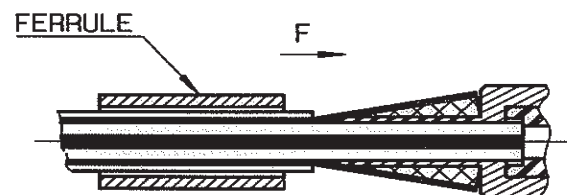
②

Place centre contact on conductor.  
(ensure conductor is visible through inspection hole).  
Place adaptor in crimp tool.  
Insert cable into adaptor. Push home.  
Crimp centre contact.  
Crimp tool R282 281 010 (Q92434)



③

Guide dielectric into connector while fanning braid. Push home until centre contact "clicks" into place.



④

Slide crimp sleeve forward until sleeve butts up against body.  
Crimp ferrule.  
Crimp tool R282 287 000 (Q92316) +  
die set R282 265 001 (Q92441) (Hex. 3.25).

