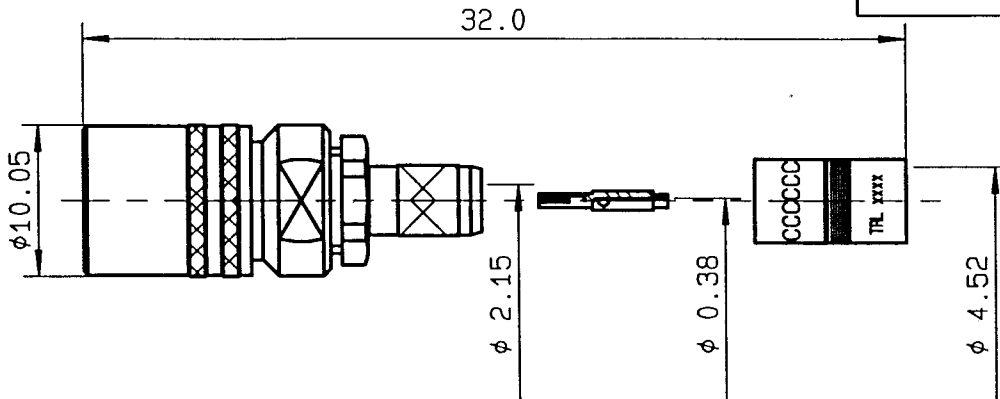


STRAIGHT CONNECTOR C-C FEMALE CRIMP TYPE  
 CABLE 3.6/75 DS PACK 100

SOCKET 43/5F



CABLES : BT3002

## CHARACTERISTICS

NOMINAL IMPEDANCE	75	$\Omega$
FREQUENCY RANGE	0-3	GHz
TEMPERATURE RATING	-40/+100	$^{\circ}\text{C}$
VSWR	NA +	- x F(GHz)Max1
RF INSERTION LOSS	NA	$\sqrt{F}$ (GHz) dB Max1
VOLTAGE RATING	500	Vrms Max
DIELECTRIC WITHSTANDING VOLTAGE	1500	Vrms min
INSULATION RESISTANCE	500	M $\Omega$ min
HERMETIC SEAL	NA	Atm.cm3/s
LEAKAGE (pressurized only)	NA	Mpa
WEIGHT	10	gr

## APPLICABLE STANDARDS

APPLICABLE STANDARDS	-
CABLE RETENTION	150 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
Crimp Body	100 cm.N

## CONSTRUCTION

CONNECTOR PARTS	MATERIALS	FINISH
BODY	BRASS	GOLD
OUTER CONTACT	BERYLLIUM COPPER	GOLD
CENTER CONTACT	BERYLLIUM COPPER	GOLD
INSULATOR	PTFE	-
CRIMP BODY	BRASS	NICKEL
COUPLING SLEEVE	BRASS	NICKEL
FERRULE	BRASS	NICKEL
-	-	-
-	-	-

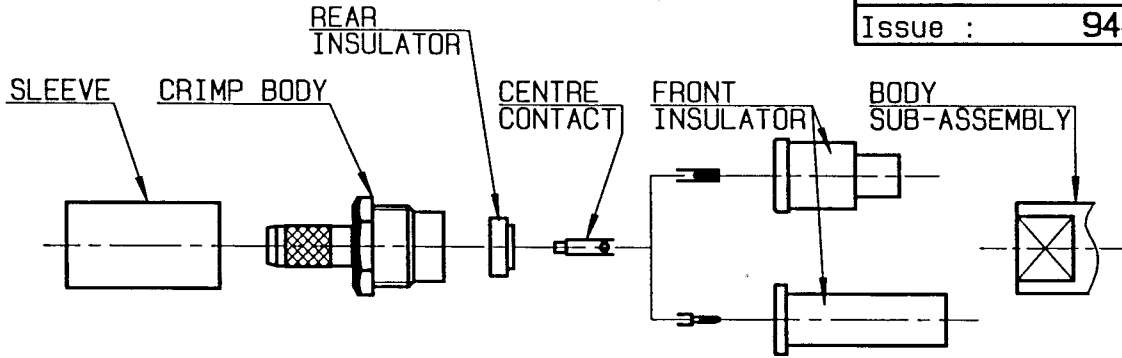
ISSUE	REVISION No	DESCRIPTION	BY	DATE
-	-	-	-	-
9601	-	2 PART BODY	K DE A	03.01.96

Initiated on 23/09/94

The information given here is subject to change without notice. Design changes may be in order to improve the product.

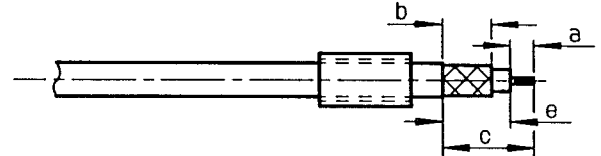


Approval by MARTIN



①

Slide ferrule onto cable.  
Strip cable.

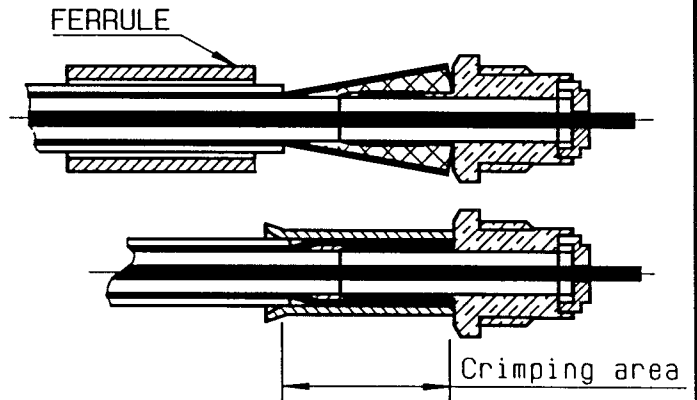


Stripping	a	b	c	d	e
inch	0.177	0.315	0.827	0	0.65
mm	4.5	8	21	-	16.5

②

Guide cable dielectric into crimp body while fanning braid. Ensure body abutts cable. Slide ferrule forward until ferrule abutts crimp body.  
Crimp ferrule.

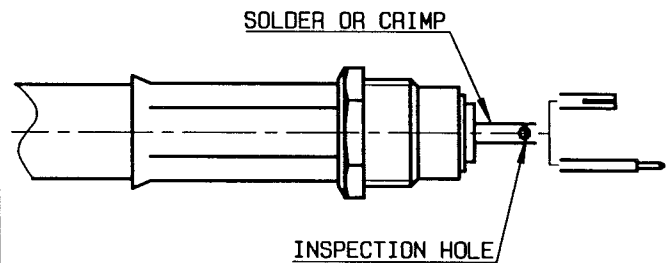
-  
crimp tool R287.287.000 +  
die set R282.265.002 (Hex. 4.52).  
-



③

Place centre contact on inner conductor ensure centre contact is seated on insulator. (inner conductor will be visible through inspection hole)

Crimp/solder centre contact.  
Crimp tool R282.281.010.



④

Place front insulator over centre contact. Ensure it sits firmly on spigot on rear insulator.

Place body sub-assembly over front insulator.

Screw on body sub-assembly on to crimp body and tighten.

Typical tightening torque 100 cmN .  
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