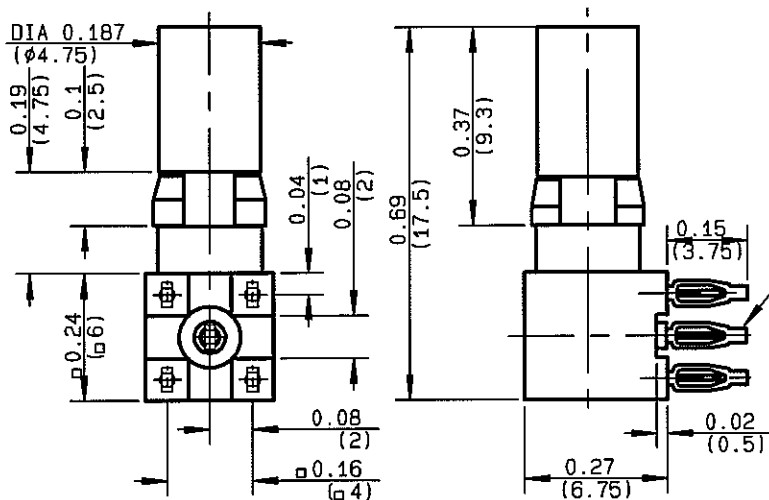


**MALE ELBOW RECEPTACLE FOR PCB
WITH PRESS-FIT TERMINATION PACK 40**

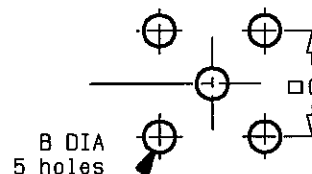
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For DIA 0.039 $\begin{matrix} +0.0035 \\ -0.00236 \end{matrix}$ plated holes

($\phi 1 \begin{matrix} +0.09 \\ -0.06 \end{matrix}$)

PERCAGE PANNEAU
MOUNTING HOLE



	MM		INCH	
	maxi	mini	maxi	mini
B	1.09	0.94	0.043	0.037
C	4.03	3.97	0.159	0.156

NOMINAL IMPEDANCE	75 Ω
FREQUENCY RANGE	0-2 GHz
TEMPERATURE RATING	-55/+125 °C
V.S.W.R	NA + x F(GHz)Maxi
RF INSERTION LOSS	NA \sqrt{F} (GHz) dB Maxi
VOLTAGE RATING	350 Veff Maxi
DIELECTRIC WITHSTANDING VOLTAGE	750 Veff Mini
INSULATION RESISTANCE	1000 M Ω Mini
HERMETIC SEAL	NA Atm.cm ³ /s
LEAKAGE (pressurized only)	NA
MECHANICAL DURABILITY	Cycles
WEIGHT	2.5 gr
SPECIFICATION	

CABLES :	
OTHERS CHARACTERISTICS	
CABLE RETENTION	NA N Mini
CENTER CONTACT RETENTION	
Axial force - mating end	10 N Mini
Axial force - opposite end	10 N Mini
Torque	NA cm.N Mini
RECOMMENDED TORQUES	
Mating	NA cm.N
Panel nut	NA cm.N
Clamp nut	NA cm.N

CONNECTOR PARTS:	MATERIALS	FINISH	(all values are given in micrometers)
BODY	BRASS	NICKEL 2	
OUTER CONTACT	-	-	
CENTER CONTACT	BRASS	GOLD 1.3 OVER NICKEL 2	
INSULATOR	PTFE	-	
GASKET	-	-	
OTHERS PIECES	PHOSPHOR BRONZE	TIN 3 OVER NICKEL 2	

ISSUE 0540D	CREATION DATE 24/04/1997	FILE PART-NUMBER 96-0108-562
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Design changes may be in order to improve the product.

Connect to the future

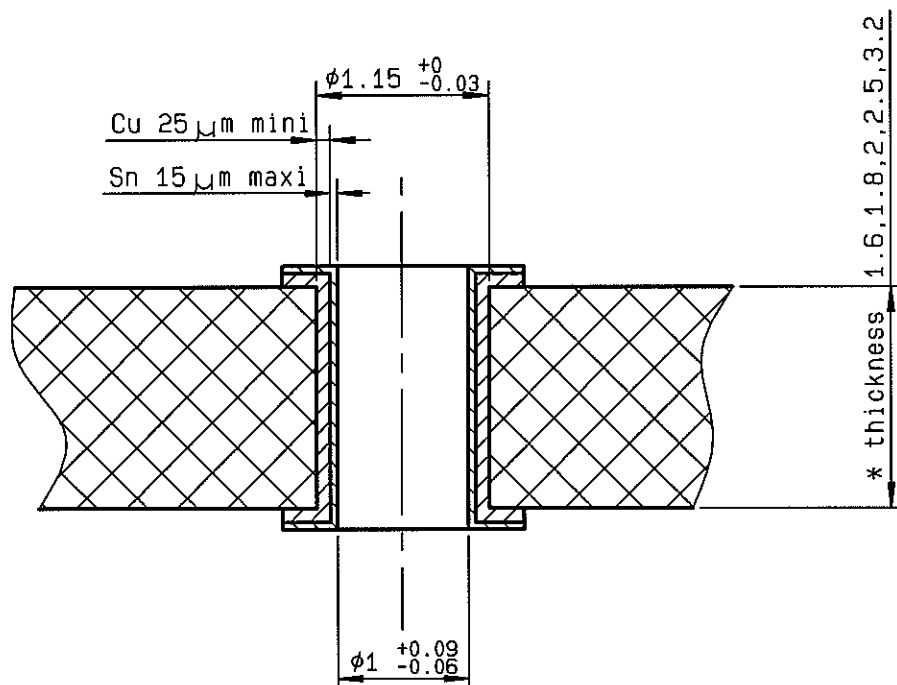


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PC BOARD MATERIAL	GLASS FIBRE EPOXYD NEMA:G10,G11,FR4,FR5 DIN 40802 : EP-GC 01 , EP-GC 02
THICKNESS	1.6 mm *
HOLE	FOR 1mm COMPLIANT PIN
BORE-HOLE	$\phi 1.15 \begin{smallmatrix} 0 \\ -0.03 \end{smallmatrix}$
COPPER	$> 25 \mu\text{m}$
TIN	$< 15 \mu\text{m}$
FINAL DIAMETER	$\phi 1 \begin{smallmatrix} +0.09 \\ -0.06 \end{smallmatrix}$



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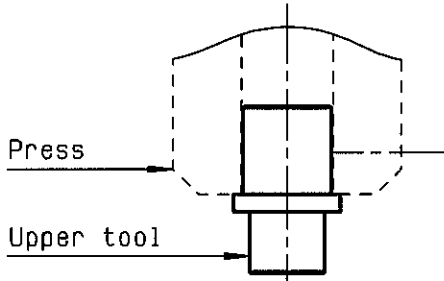
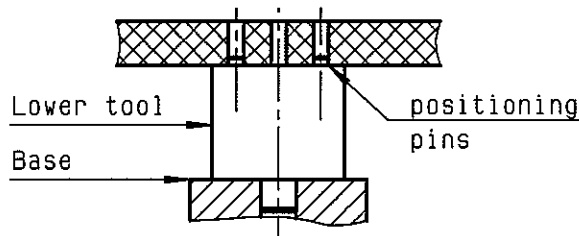
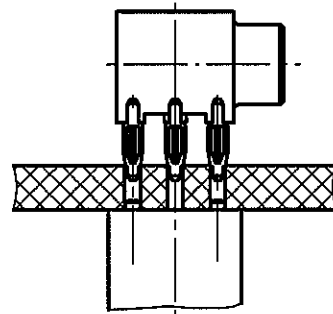
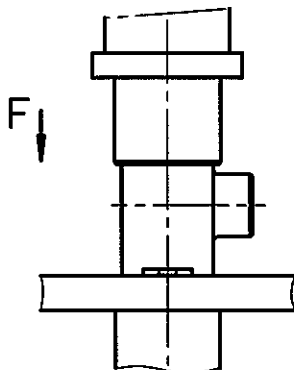
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MOUNTING INSTRUCTIONS ON THE PCB
 RIGHT ANGLE CONNECTORS WITH PRESS-FIT TERMINATION

<p>①</p> <p>Slide the upper tool (R282.878.500) into the machine (press) or the flat tool.</p> <p>-</p> <p>-</p> <p>-</p>	 <p>Press</p> <p>Upper tool</p>
<p>②</p> <p>Slide the lower tool (P/N to be defined) into the base and place correctly the PCB on this tool .(positioning pins)</p> <p>-</p> <p>-</p> <p>-</p>	 <p>Lower tool</p> <p>Base</p> <p>positioning pins</p>
<p>③</p> <p>Place correctly the right angle connector with press-fit termination on the PCB and introduce the press-fit extremity in the holes of the PCB .</p> <p>-</p> <p>-</p> <p>-</p>	
<p>④</p> <p>Push on the top (about 500 N) until total insertion .(in direction F) (Push connector body until it bottoms against PCB) .</p> <p>Remove the connector and the PCB assembly .</p>	 <p>F</p>

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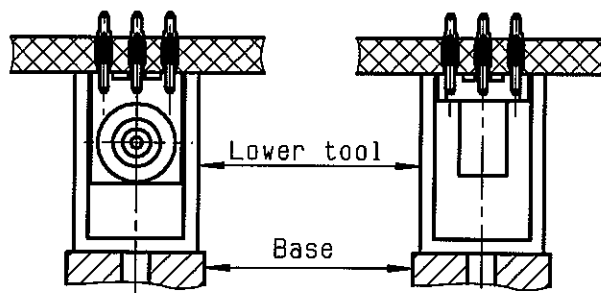
SERIES T1.0/2.3 75

REPLACEMENT INSTRUCTIONS ON THE PCB
STRAIGHT AND RIGHT ANGLE CONNECTORS WITH PRESS-FIT TERMINATION

①

Place correctly the PCB and the connector on lower tool (R282.878.533)

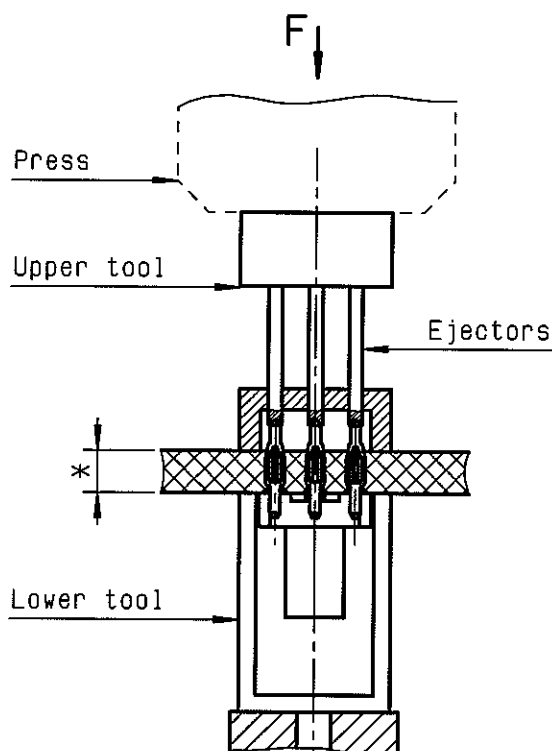
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②

Place the upper tool (P/N to be defined) at the back of the connector and place correctly the ejectors on Press-fit pins .

-
-
-



③

Press the back of the upper tool to remove the connector (about 500 N) into the connector slide down onto lower tool .

-
-
-

④

CAUTION !

It's impossible to use a COAXIPRESS a twice .

A plated hole of the PCB can't be used over 3 times .

-

* panel thickness: 1.6 to 7 mm

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