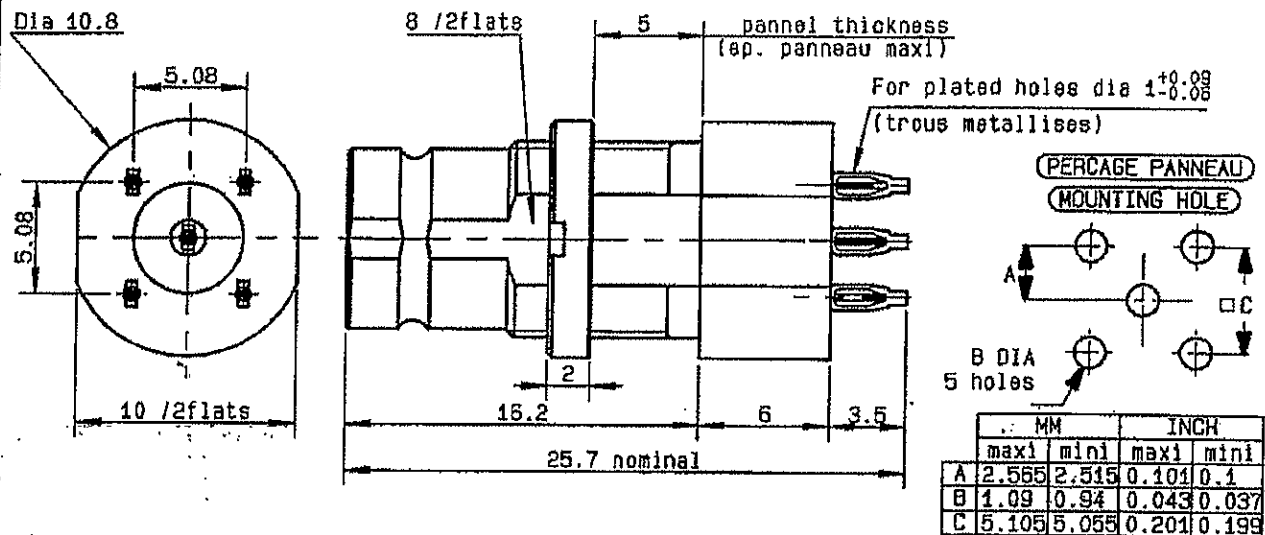


**STRAIGHT BULKHEAD RECEPTACLE FOR P.C.B
WITH PRESS-FIT TERMINATION**
R129.574.030
SERIES V1.6-5.6


NOMINAL IMPEDANCE	75	Ω
FREQUENCY RANGE	0-8	GHz
TEMPERATURE RATING	-40/+85	$^{\circ}\text{C}$
V.S.W.R	NA +	$\times F(\text{GHz})\text{Maxi}$
RF INSERTION LOSS	NA	$\sqrt{F}(\text{GHz}) \text{ dB Maxi}$
VOLTAGE RATING	330	$V_{\text{eff}} \text{ Maxi}$
DIELECTRIC WITHSTANDING VOLTAGE	1000	$V_{\text{eff}} \text{ Mini}$
INSULATION RESISTANCE	1000	$M \Omega \text{ Mini}$
HERMETIC SEAL	NA	$\text{Atm.cm}^3/\text{s}$
LEAKAGE (pressurized only)	NA	
MECHANICAL DURABILITY	1000	Cycles
WEIGHT	7.7	gr
SPECIFICATION		

CABLES :

OTHERS CHARACTERISTICS

COMPLIANT PIN/BODY RETENTION: 80 N mini

CABLE RETENTION NA N Mini

CENTER CONTACT RETENTION

Axial force - mating end 30 N Mini

Axial force - opposite end 30 N Mini

Torque NA cm.N Mini

RECOMMENDED TORQUES

Mating cm.N

Panel nut 250 cm.N

Clamp nut cm.N

CONNECTOR PARTS MATERIALS

BODY	BRASS
OUTER CONTACT	
CENTER CONTACT	BERYLLIUM COPPER
INSULATOR	PTFE
GASKET	
OTHERS PIECES	PHOSPHOR BRONZE

FINISH (all values are given in micrometers)

NICKEL + SELECTIVE GOLD

GOLD 1.3 OVER NICKEL 2

TIN 3 OVER NICKEL 2

ISSUE
0540D
CREATION DATE
29-AUG-95
FILE PART-NUMBER
95-0108-553

RADIALL®

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

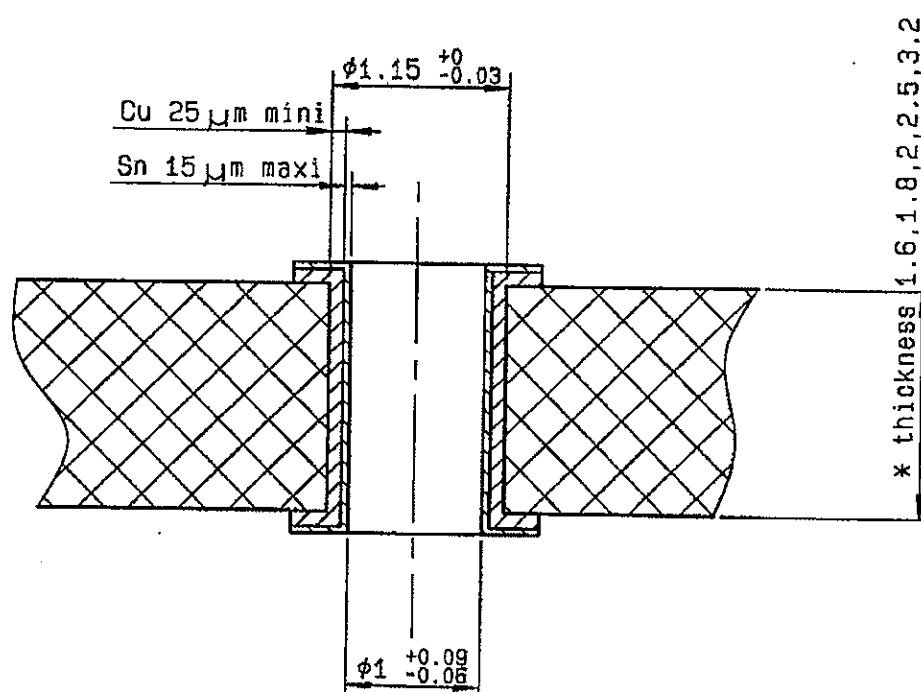
Connect to the future


RADIALL®
R129.574.030

ISSUE 0540D

 SERIES
V1.6-5.6

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	$\phi 1.15 \text{ } 0/-0.03$
COPPER	$> 25 \mu\text{m}$
TIN	$< 15 \mu\text{m}$
FINAL DIAMETER	$\phi 1 \text{ } +0.09/-0.06$



**R129.574.030**

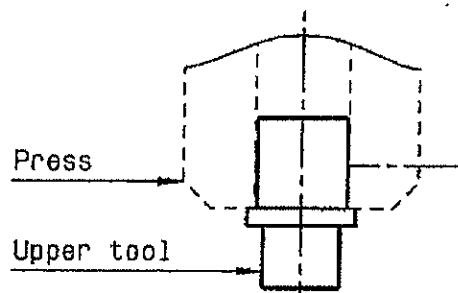
ISSUE 0540D

SERIES
V1.6-5.6

MOUNTING INSTRUCTIONS ON THE PCB STRAIGHT CONNECTORS WITH PRESS-FIT TERMINATION

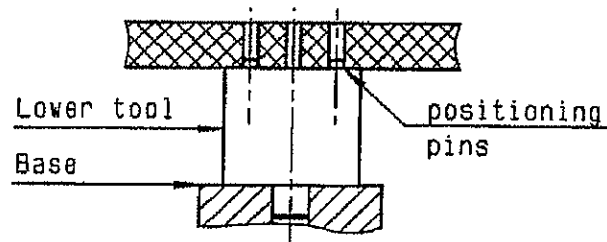
①

Slide the upper tool (R282.878.224)
into the machine (press) or yourself tool .

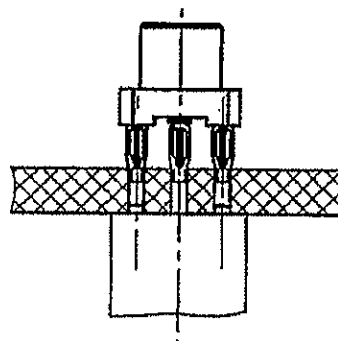


②

Slide the lower tool (R282.878.523)
into the base and place correctly the PCB
on this tool .(positioning pins)



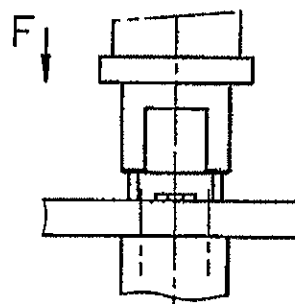
Place correctly the straight connector
with press-fit termination on the PCB and
introduce the press-fit extremity in the
holes of the PCB .



④

Push on the top (about 500 N) until
total insertion .(in direction F)
(Push connector body until it bottoms
against PCB) .

Remove the connector and the PCB
assembly .




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R129.574.030

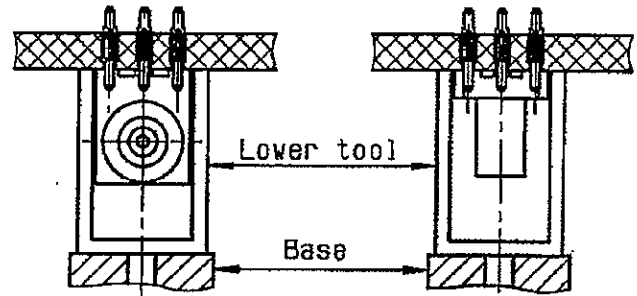
ISSUE 0540D

 SERIES
V1.6-5.6

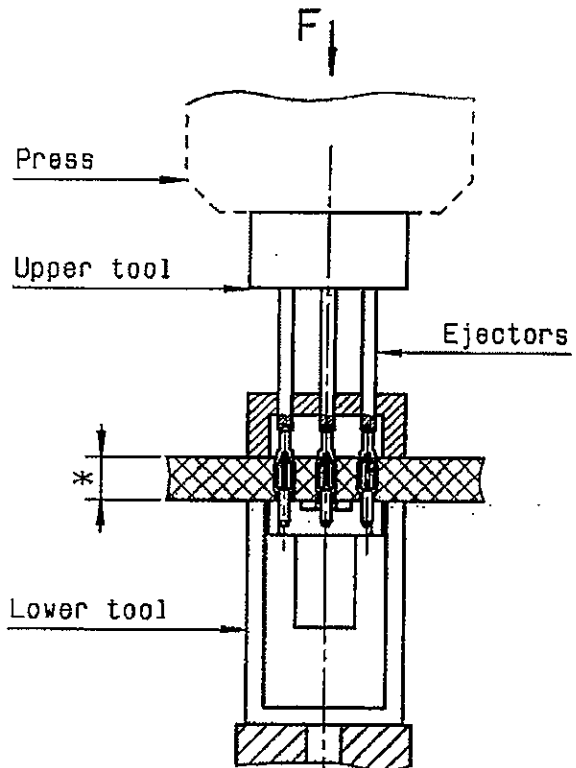
REPLACEMENT INSTRUCTIONS ON THE PCB STRAIGHT AND RIGHT ANGLE CONNECTORS WITH PRESS-FIT TERMINATION

①

Place correctly the PCB and the connector on lower tool (R282.878.534)


②

Place the upper tool (R282.878.513) at the back of the connector and place correctly the ejectors on Press-fit pins.



Press the back of the upper tool to remove the connector (about 500N) 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