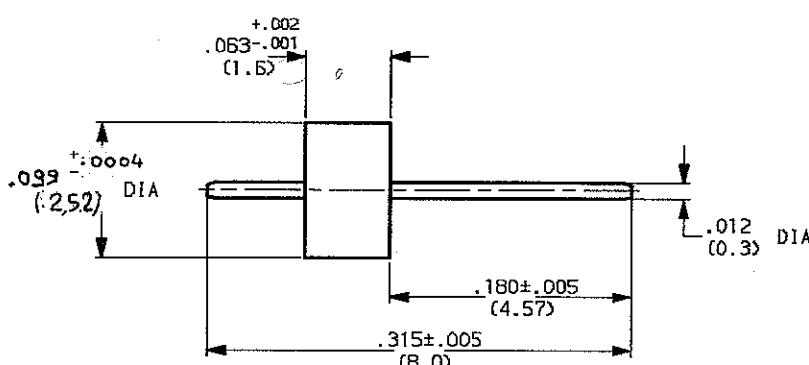




GLASS SEAL PIN .012(0.30) DIA

SERIES: ACC

1 / 3



MOUNTING HOLE

See page 2 and 3.

WEIGHT 0.007 oz (0.2g)

CABLES : -

CHARACTERISTICS

NOMINAL IMPEDANCE	50
FREQUENCY RANGE	0-18 GHz
TEMPERATURE RATING	-55/+200 °C
VSWR	1.02 + 0.003dB (GHz) Max (Applicable for mounting B (see page 3))
RF INSERTION LOSS	NA dB Maxi
VOLTAGE RATING	335 Vrms Maxi
DIELECTRIC WITHSTANDING VOLTAGE	1000 Vrms mini
INSULATION RESISTANCE	NA Mo mini
HERMETIC SEAL	10-8 cc/s Atm.cm ³ /s
LEAKAGE (pressurized only)	NA psi MPa

STANDARDISATION

CABLE RETENTION	NA lb mini
CENTER CONTACT RETENTION	
Axial force - mating end	4.5 lb mini
Axial force - opposite end	4.5 lb mini
Torque (Min)	NA Inch.oz cm.N
RECOMMENDED TORQUES	
Mating	NA inch.lb cm.N
Panel nut	NA inch.lb cm.N
Clamp nut	NA inch.lb cm.N

CONSTRUCTION

CONNECTOR PARTS	MATERIALS	FINISH
BODY	-	
OUTER CONTACT	FERRO-NICKEL	GOLD OVER NICKEL
CENTER CONTACT	FERRO-NICKEL	GOLD OVER NICKEL
INSULATORS	MATCHED GLASS	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

ISSUE	REVISION No	DESCRIPTION	BY	DATE
9731	97.05.013	Ø 2.51 → Ø 2.52	(LICHARD)	TRIPIER 28.07.97

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TECHNICAL DATA

R280 751 000

Issue : 0449 B

Page

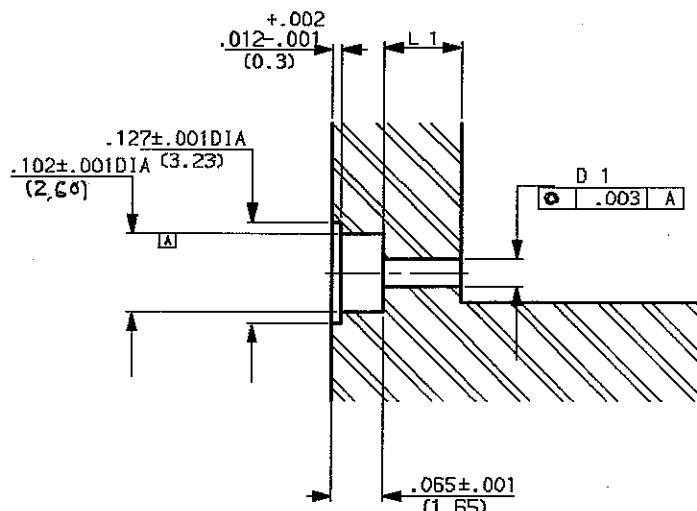
02/03

SOLDER GLASS SEAL PIN .012 (0.30) DIA

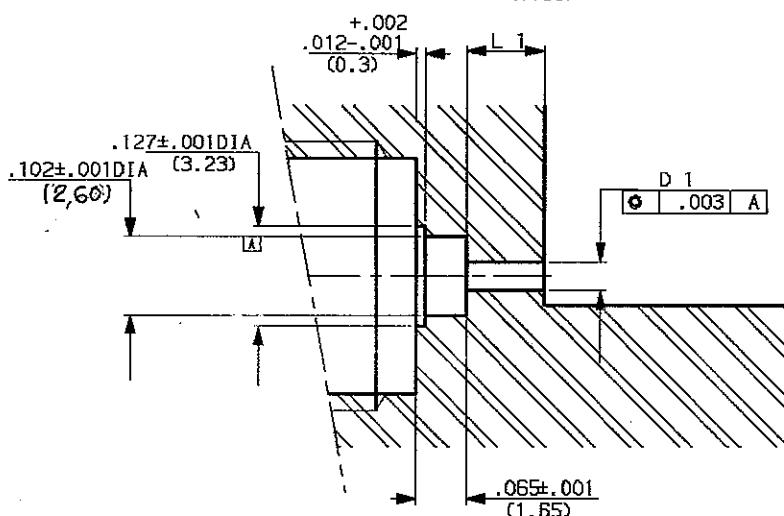
SERIES: ACC

RECOMMENDED MOUNTING HOLE DETAIL

FLANGE RECEPTACLE



RECEPTACLE SCREW



D1 and L1 dimensions have to be determined according to each application.

We advise of two following case: (see page 3)

- using of the R280 469 removable socket :

$$D1 = .079 + \text{ or } -.0008 \quad L1 = .1 + \text{ or } -.004$$

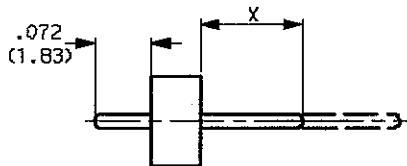
- the bead pin is directly welded on the track :

$$D1 = .0276 + \text{ or } -.0008$$

L1 = from .040 to .157 according to customer's design criteria.

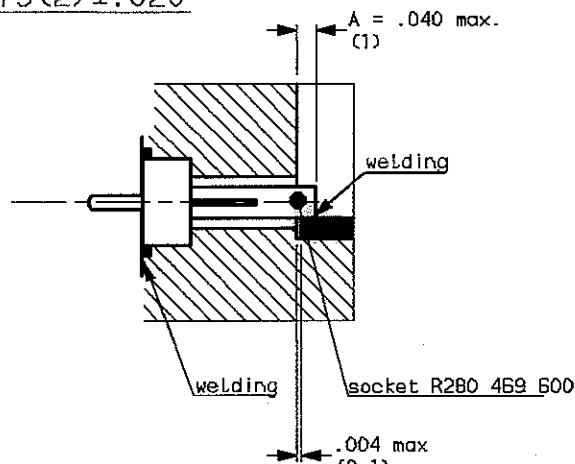
ISSUE	REVISION No	DESCRIPTION	BY	DATE
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9731	97.05.013	DIA 2.59 → DIA 2.60	TRIPIER	28.07.97
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ASSEMBLY INSTRUCTIONS



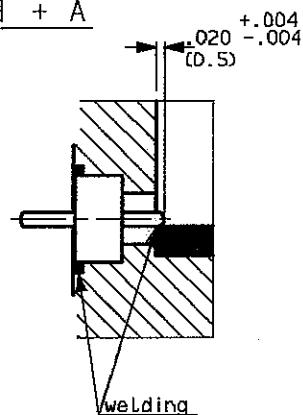
MOUNTING A: WITH REMOVABLE CONTACT

$$X = .079(2) \pm .020$$



MOUNTING B: WITH SEAL ONLY

$$X = L1 + A$$



GLASS SEAL

- 1 - Adjust X by cutting the pin if necessary.
- 2 - Introduce the glass bead into its housing as here above (with the mounted socket)
- 3 - Weld the ring by putting a welding wire in the groove.
- 4 - Weld the pin (or socket) on the track. Beware of putting too much welding!

IMPORTANT: for maximum RF characteristics the link track/pin must be as thin as possible. We advise you to respect rigourously the A dimension, by welding accurately the bead pin directly on the track (right drawing).

CONNECTOR

-FLANGE RECEPTACLE: Set up the EMI gasket in the connector groove.

Put the connector on the housing while introducing the bead pin into socket, then mount the fixtures of the flange.

- SCREW RECEPTACLE: Screw the connector into the housing.
(Tooling and torque , see the following board)

TOOLING		TORQUE
Jack receptacle	R282.341.010	
<input checked="" type="checkbox"/> SMA		17 inch-pounds
Plug receptacle	R282.342	
<input checked="" type="checkbox"/> BMA		25 inch-pounds
Jack receptacle	R282.322.	
Plug receptacle	R282.340	

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0.1

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