

DESIGNATION:

Renewal of the molds to produce the insulators used on the EPXB insert 22 (pin and socket).

IMPACTED PART NUMBERS:

All EPXB pin and socket inserts 22
 All EPXB plugs and receptacle with EPXB inserts 22.

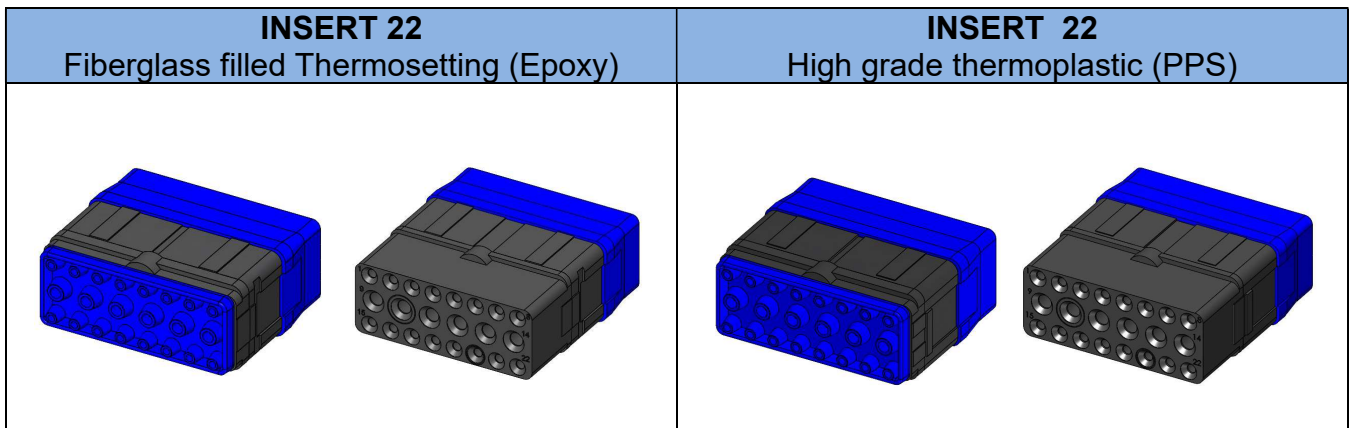
617411026	617800512	EPXB3PN0TYYPYD
617610245	617800513	EPXB3RTTEYYPS
617610255	EPXB1P4MEPSP	EPXBE22PA
617610256	EPXB1P4MEPXP	EPXBE22PAS
617610262	EPXB1P4MEPXS	EPXBE22PB
617610268	EPXB1R4MEPSS	EPXBE22PBS
617610350	EPXB1R4MEPXP	EPXBE22SA
617610417	EPXB1R4MEPXS	EPXBE22SAS
617610418	EPXB1W4MEPSP	EPXBE22SB
617610578	EPXB1W4MEPSS	EPXBE22SBS
617610296-2	EPXB1W4MEPXP	EPXBH22PB
617610451-2	EPXB1Z4MEPXS	EPXBN22PA
617800510	EPXB2WB1NNNPSP	EPXBN22SA
617800511	EPXB2ZA2NNNPSS	EPXBN22SB

EVOLUTION DESCRIPTION:

Radiall takes the opportunity of these mold renewals to change the material of the insulators from Thermosetting fiberglass filled (Epoxy) to High grade thermoplastic (PPS).

This change has no impact on fit, form and function of the parts.



The qualification has been performed per the Qualification Test Plan ETP_EPM17013 rev B; approved by Boeing per SDT 23-040240.




IMPACT ON SPECIFICATION:

The BACI10AL Boeing specification for insert arrangement 22 has been modified to reflect the material switch from thermoset to thermoplastic (Revision AC). Below you can find the updated version of the document:

TABLE I - MATERIAL (Continued)

COMPONENT	INSERT ARRANGEMENT	CONTACT	MATERIAL
INSULATOR	12F, 12FK	ALL	ALUMINUM ALLOY PER AMS-QQ-A-200 OR AMS-QQ-A-591
	12FM		THERMOSETTING PLASTIC PER ASTM D5948
	22  , 30, 40 		THERMOSETTING PLASTIC PER ASTM D5948 OR HIGH GRADE THERMOPLASTIC PER ASTM D4067 OR ASTM D6358 .
REAR GROMMET	ALL	ALL	FLUOROSILICONE ELASTOMER PER MIL-DTL-25988 , EXCEPT SECTION 4.6.5.1
INTERFACIAL SEAL	ALL	PINS	
RETENTION CLIP	ALL	ALL	BERYLLIUM COPPER PER ASTM B194

 BACI10AL22 INSERT STARTING WITH DATE CODE 2619 AND LATER WILL BE SUPPLIED IN EITHER THERMOSETTING PLASTIC OR IN HIGH GRADE THERMOPLASTIC.

APPLICATION DATE

The changes will be implemented after the old version of the material is depleted. Radiall ensures the traceability of the process modification through its ERP system.

RADIALL APPROVALS:

Development

Name: PAILOT Nicolas

Visa : *Pailot N.*
Pailot N. (May 6, 2026 17:26:11 GMT+2)

Date : 06/05/2026

Quality

Name: MANCEAU Charly

Visa : *Manceau C.*
Manceau C. (May 11, 2026 10:44:11 GMT+2)

Date : 11/05/2026

Marketing

Name: VAGNER Xavier

Visa :

Date : 18/05/2026

CUSTOMER APPROVAL:

Department:

Name: