



948, Promenade de l'Arve – BP 29 - France - 74311 Thyez Cedex  
Tél. : +33 (0) 4 50 89 28 00 - Fax : +33 (0) 4 50 96 19 41

**Ref :** DQ / MLa 06 053  
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**A :** List  
**Date :** 2006, 24<sup>th</sup> April  
**Objet :** RoHS -Amphenol Socapex Thyez Products

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Dear Distributor,

*Return receipt letter*

We are pleased to inform you about the RoHS compliance status of Amphenol Socapex Thyez products.

- **The whole of the RJ field series** (RJF, RJF TV, USBF TV, FWF TV, RJ11F, LC FTV, MTRJF TV, RJ Switches) is already available in versions conforming to RoHS recommendations : Nickel (N) or Black (B) plating for the metal versions. Part numbers remain unchanged.

The Cadmium (G) olive drab plated metallic versions are mostly used for military applications, which form part of the exceptions listed in the RoHS recommendations. However ,we are currently evaluating non Chrome VI , Zinc Cobalt plating. To this day no solutions is matching the Cadmium in terms of performance or price.

The plastic versions (RJF 544, RJF EZ, RJF RB, USB BF) as well as the reinforced (RJF SFTP) RJ 45 cord sets are also compliant. Parts numbers remain unchanged.

- **The PT/451 series** is also available as RoHS compliant with Nickel plating. As well as for RJ Field series we are currently evaluating non Chrome VI , Zinc Cobalt plating.
- **MIL-DTL-38999 and VG96912 series** are available as RoHS compliant versions :
  - with Nickel plating ( " - 023 " for 38999 series 1 & 2, "RF" for MIL-DTL-38999 series III both aluminium and composite)
  - as aluminium Bronze series

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- **The EZ5015 series** is also available as RoHS compliant version with a black Zinc Cobalt plating.

Please note that this series is RoHS compliant by design since its cage spring clamp connection, contrary to the standard MIL C 5015 , does not use soldering lead .

- Current definition of **SL 61 series** is not RoHS compliant : connectors shells are white Cadmium plated.

Two types of RoHS plating are available :

Nickel Plated versions : conductive plating for EMC protection , but less resistant to salt spray than Cadmium (48 h instead of 500 hours)

Ex of standard PN : SL EF 13U = **no** RoHS compliant

Nickel Plated version : SL EF 13U NI, = RoHS compliant

Black coating : non conductive plating (no EMC protection), but 500h salt spray resistant (same as Cadmium)

Ex of standard PN : SL EF 13U = **no** RoHS compliant

Black Electrophoresis : SLD EF 13U, = RoHS Compliant

**SL61 protective caps and backshells** are become RoHS compliant without change of Part Number

**Please note** : RoHS compliant products are readily available , we recommend to switch to compliant part numbers when placing new stock orders ...

- **For series 159, 167, HE7, HE9, 149, RIN, TEI,...** compliance must be checked on a case by case scenario...There is no plan for an overall upgrade to RoHS compliance for those series .
- **PCB mounted series : HE8, SIHD, SIAL** : those series are not RoHS compliant , tips of PCB contacts are SnPb tin plated. Only crimp version are RoHS.

A Lead free version for plating of tips of contacts is available , making the products RoHS compliant :

- Ex of standard PN HE8 : 127 96 JM 11 YC = **no** RoHS
- Alternative PN : 127 96 JM 14 YC = RoHS
- Ex of standard SIHD = SIHD F 158D F1YC = **no** RoHS :
- Alternative PN SIHD : SIHD F 158D F1YC **LF** (LF = lead free) = RoHS
- Ex of standard SIAL : 'ASL F312 Y01-000 = **no** RoHS
- Alternative PN SIAL: 'ASL F312 Y01-000**LF** (LF = lead free) = RoHS



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We have included in our Price list the RoHS status of each part number, as well as an alternative solution conform to RoHS recommendation.

Please note that further to this Information note, we will not accept any return of stock of connectors based on their non RoHS compliance.

You will find on our web site : [www.amphenol-socapex.com](http://www.amphenol-socapex.com) a list of RoHS related frequently asked questions, as well as a selection guide (is my product subject to RoHS recommendations ?) along with other useful information on the subject.

From 9th may 2006 , it will be possible to check on line the compliance per family of products.

Should you need further information , please feel free to contact us : [support-rohs@amphenol-socapex.fr](mailto:support-rohs@amphenol-socapex.fr)

We hope this will answer most of the RoHS related questions you may have on Amphenol Socapex products.

Best regards.

Martine LADIETTE  
Responsable Laboratoire

C. BERNARDI / JP DEKONINCK  
Directeurs Division Industrielle & MIL Aéro