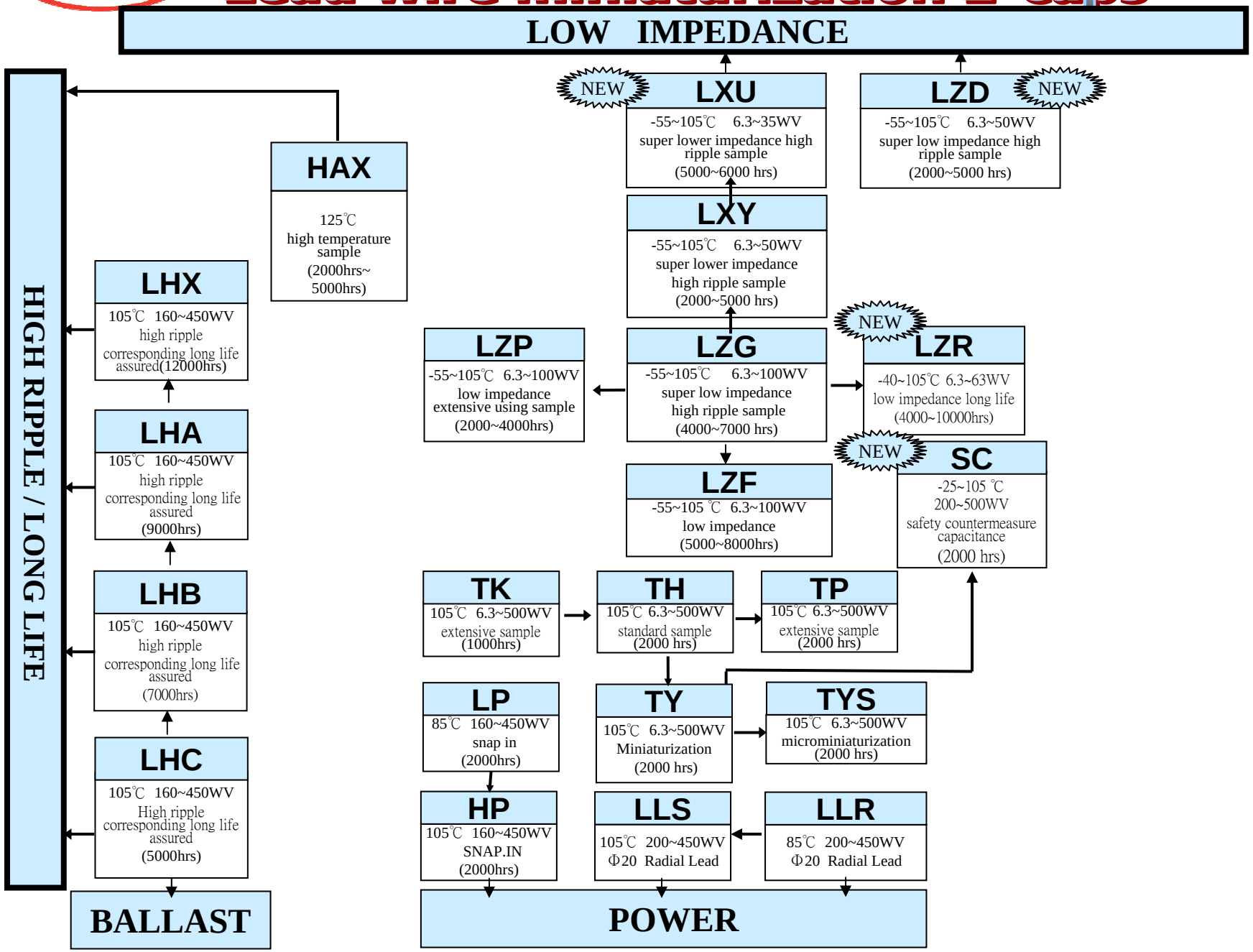Lead wire miniaturization E-caps