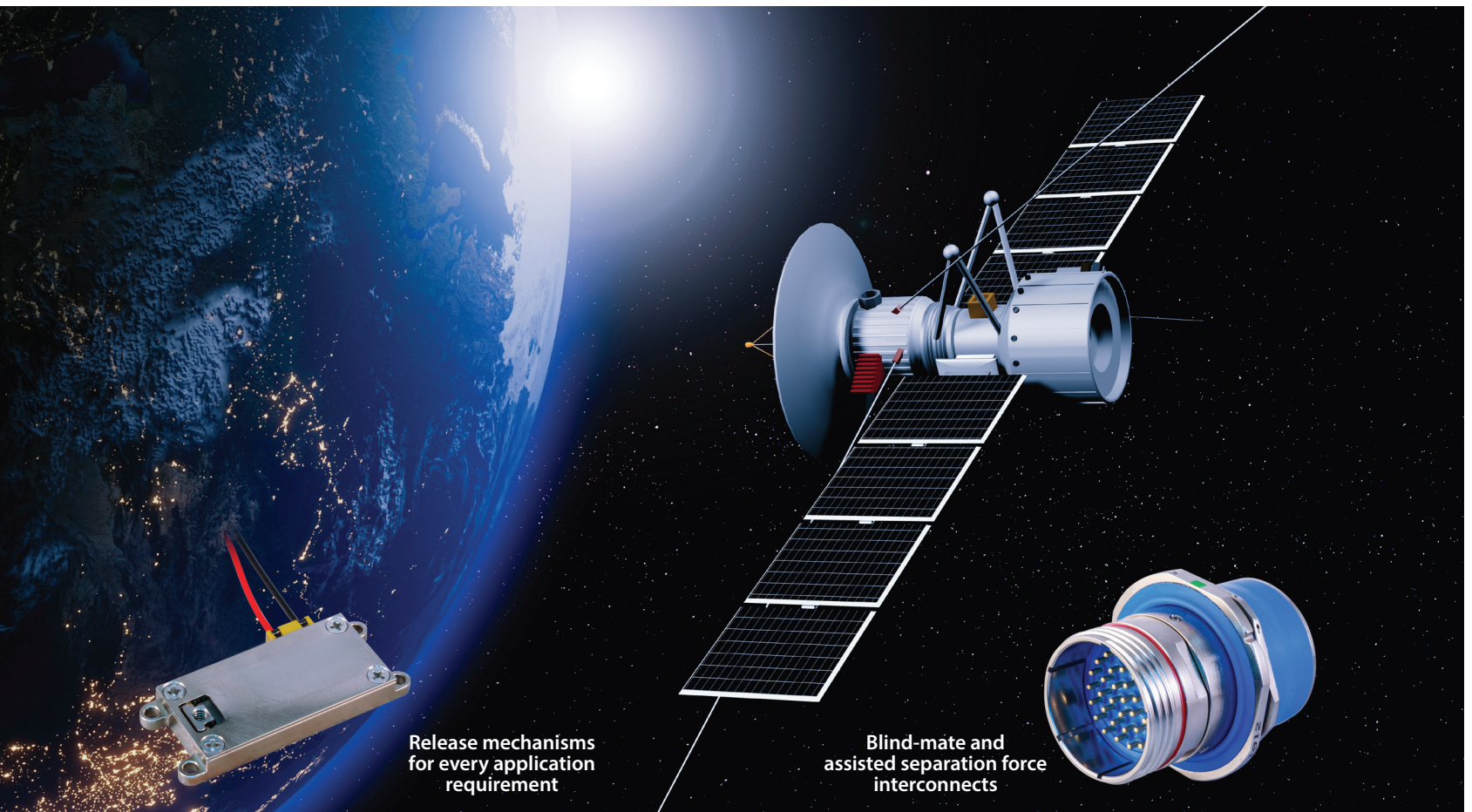


FLIGHT-GRADE TRL 9
HOLD-DOWN
AND RELEASE
MECHANISMS
(HDRM)



A complete ecosystem of
non-pyrotechnic split-spool
separation nut mechanisms
plus blind-mate interconnects
for deployment of satellite
systems and structures



Release mechanisms
for every application
requirement

Blind-mate and
assisted separation force
interconnects

Glenair's line of low-shock HDRM mechanisms includes both North American manufactured devices as well as an EU Series in accordance with ESA standards. Glenair offers a complete HDRM solution for satellite equipment deployment including pin pullers and mechanical release ground test units. Our line of blind-mate, dead-face, ASF, and fail-safe disconnects are the most extensive in the industry. Glenair's family of release and separation mechanisms is augmented with space-grade flexible grounding straps, ESD bonds, and corrosion-resistant space-grade wire.

- Low-shock / pyrotechnic-free for single-event release of deployable space systems—configurable electrical initiation with no (amperage) upper limit
- Blind-mate, adjustable separation, dead-face, and lanyard-release connectors
- High tensile strength shield termination system
- Low-resistance, high-conductivity, flexible ground / ESD bond straps
- Available 80µin silver-plated Red Plague-resistant circuit wire