

COTSWORKS



COTS (Commercial-Off-The-Shelf)

COTSWORKS	VS	COTS (Commercial-Off-The-Shelf)		
Rugged Environmental Design, MIL and Aero Standards		Product Design Goals & Criteria		Low-cost focus, data/telecomm standards, limited obsolescence plans
3-5 year design cycle with 10+ year use and enhanced EOL support		Product Lifecycle		3 year product lifecycle, upgrades are cost and commodity driven
-40°C to +95°C, shock, vibration, humidity, and thermal cycling		Operational Performance		Commercial temperature operation
Solder or screw mount harsh environment electrical with Mil/Aero fiber termini		Interface Design		Card edge, optical quick release via plastic tabs
Controlled supply chain with approved locations for key vendors		ITAR Requirements		Commercial based supply chain
Tight control of mechanical configurations, incoming inspection, and design		Design Tolerances		Industry standard tolerances for international and cross vendor support
Controlled supporting data & documents		Datasheet Specificity		High level overviews with average performance and limited warranty
"2 Clicks" to a datasheet and application engineering support		Customer Support		Web, email, limited personal interaction
Configuration management with engineered solutions		Customization		Standard off-the-shelf product
RoHS 5/6 or 6/6, conformal coating, epoxy staking, and more		Solder Compliance and Ruggedization		RoHS 6/6, no clean flux