SERIES 86

SealTac Tactical Push-Pull Connectors

Applications • selection guide performance summary

SERIES 86 SEALTAC APPLICATIONS

C4ISR soldier devices

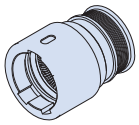
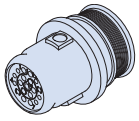
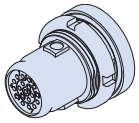
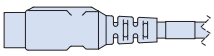
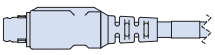
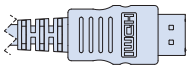
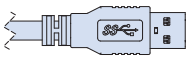
Rugged computers and hand-helds

Power and data hubs

Tactical Communications Gear

Helmet quick-disconnects

CONNECTOR SELECTION GUIDE

IN-LINE RECEPTACLES		**860-051-01** Series 86 spring contact push-pull in-line receptacle for cable applications
IN-LINE PLUG		**860-050-06** Series 86 target contact push-pull in-line cable plug
JAM-NUT PLUG		**860-050-07** Series 86 target contact push-pull jam-nut mount plug
CABLE JUMPER Receptacle-to-receptacle		**861-001** Series 86 spring contact push-pull receptacle-to-receptacle overmolded cable jumper
CABLE JUMPER Plug-to-plug		**861-002** Series 86 target contact push-pull plug-to-plug overmolded cable jumper
CABLE JUMPER High-speed HDMI		**861-003** Series 86 target contact push-pull plug or spring contact push-pull receptacle-to-HDMI overmolded cable jumper
CABLE JUMPER High-speed USB 3.0		**861-004** Series 86 target contact push-pull plug or spring contact push-pull receptacle-to-USB 3.0 overmolded cable jumper

Series 86 Performance Summary		
	Performance	Specification
DWV	500 Vac	EIA 364-20
IR	5 GΩ, 200 Vdc	EIA 364-21
Temperature Range	-55°C / +125°C	
Contact Ω	40 mΩ	EIA-364-23 (26 AWG wire included)
Durability	2500 cycles min	EIA-364-09
Mating Force	8 lbs (size 06) 12 lbs (size 08)	EIA-364-13
Random Vibration		MIL-STD-810H, method 514.8, Annex E, figure 514.8E-1. One hour each axis, longitudinal and perpendicular axes
Shock		Mil-Std-810, method 516, Procedure I (40 G's, 11ms). 3 shocks X 3 axes X 2 directions = 18 shocks
Water Immersion	30 psi, 30 minutes, 100 MΩ min	EIA 364-21, mated and unmated (open face)