

Code E7

Electrical Data	
Impedance of connector inclusively transition area to cable	100 Ω \pm 10 Ω at 700 ps risetime
Frequency range	DC to 1.0 GHz
Ampacity	\leq 1.5 A DC
Contact resistance	\leq 10 m Ω
Mechanical data	
Retention force latch	> 110 N
Retention force secondary lock to fix carrier	> 80 N
Number of codings (1-way)	8 (A, B, C, D, E, F, G, H, Z)
Coding efficiency	> 80 N
Environmental data	
Temperature range	-40 °C to +105 °C
Thermal shock	acc. to DIN EN 60068-2-14
Temperature and humidity	acc. to US Car 2-4.5.6.2
Vibration (random)	acc. to DIN EN 60068-2-64
Mechanical shock	acc. to DIN EN 60068-2-27
High temperature exposure	acc. to DIN EN 60068-2-2