



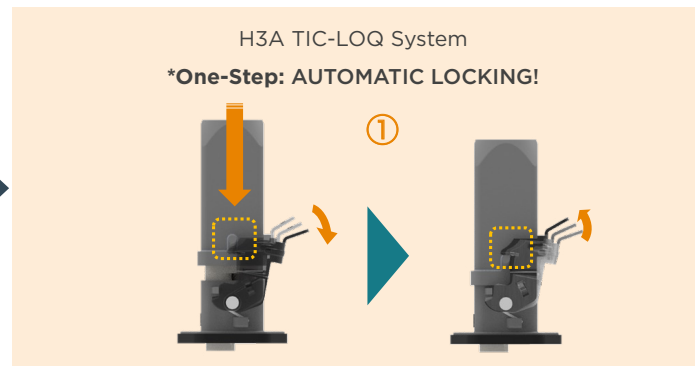
HDC H3A TIC LOQ CONNECTOR SYSTEM

TE Connectivity's (TE) HDC H3A TIC LOQ Connector System helps enable us to provide operator-friendly locking connectors. With introduction of this latest H3A TIC-LOQ housing, it is possible to perform automatic mating with H3A Hood. The process will bring to save process time and will contribute to customer satisfaction. This TIC-LOQ Housing is compatible with series of standard HDC HQ Insert.

HQ-D-032 Insert has been released at the same time. It can be used with TIC-LOQ Housing. It is a high density design with 32 contacts in the Insert and will contribute to space -saving in various applications.



After mating the hood and housing, housing lever must be raised with a finger.



When mating the hood and housing, the housing lever automatically is locked.

BENEFITS & FEATURES

H3A TIC-LOQ Housing

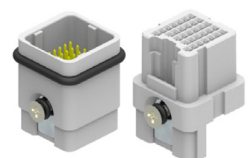
- Automatic locking
- Mate in 2 seconds
- Easy mating in narrow space
- Compatible with standard HDC HQ inserts



BENEFITS & FEATURES

H3A INSERT HQ-D-032

- High density
- Stamping contact (Dynamic: HD-1)
- Reuse hand tool and applicator of Dynamic
- 4 coding available



HDC H3A TIC-LOQ CONNECTOR SYSTEM

APPLICATIONS

- Robotic
- Semi conductor
- Machinery
- Warehouse automation

ELECTRICAL

Insert HQ-D-032

- Rated current: 2.2A
- Rated voltage: 32V
- Impulse voltage: 0.8kV
- Pollution degree: 3

MATERIAL

H3A TIC-LOQ Housing

- Housing: Die cast, Zinc Alloy
- Seal material: Rubber

Insert HQ-D-032

- Insert: Polymer

RATED

- Operation temperature: -40°C - 125°C
- Degree of protection: IP65 (Mated)

MECHANICAL

H3A TIC-LOQ Housing

- Automatic locking
- Mating cycle: 100 Cycles

Insert HQ-D-032

- Mating cycle: 500 Cycles

SPECIFICATIONS

Product specification

- [108-137605](#) (TIC-LOQ Housing)
- [108-137585](#) (Insert HQ-D-032)

Application specification

- [114-137605](#) (TIC-LOQ Housing)
- [114-137585](#) (Insert HQ-D-032)

PRODUCT INFORMATION

Part number	Description	Product image
T1509034500-000	H3A-MAG-TL FOR CROSS MATING	
T1329032120-000	H3A HOOD, TOP ENTRY M20, 2 EAR, POWDER COATED,GREY CROSS MATING	
T1509034600-000	H3A-MAG-TL STANDARD VERSION	
T1329030120-000	H3A HOOD, TOP ENTRY M20, 2 EAR, POWDER COATED,GREY STANDARD	
T2080322101-000	HQ-D-032-M	
T2080322201-000	HQ-D-032-F	

HDC H3A TIC-LOQ CONNECTOR SYSTEM

Type	No. of Contact	Product Image	Contact Type	Max Current (A)	Max Voltage (V)	Part number	
						Male insert	Female insert
HA-003-□	3P+PE		Screw	10	250	T2010032101-000	T2010032201-000
HA-004-□	4P+PE		Screw	10	250	T2010042101-000	T2010042201-000
HA-003-□S	3P+PE		Spring	10	250	T2010033101-000	T2010033201-000
HA-004-□S	4P+PE		Spring	10	250	T2010043101-000	T2010043201-000
HD-007-□	7P+PE		CDM/CDF DDM/DDF	10	250	T2020072101-000	T2020072201-000
HD-008-□	8P		CDM/CDF DDM/DDF	10	50	T2020082101-000	T2020082201-000
HQ-002-□	2P+PE		CMM/CMF DMM/DMF	40	400	T2080022101-000	T2080022201-000
HQ-002-P□	2P+PE		CMM/CMF DMM/DMF	40	830	T2080023101-000	T2080023201-000
HQ-003-□	3P+PE		CMM/CMF DMM/DMF	40	830	T2080032101-007	T2080032201-007
HQ-003-P□	3P+PE		CMM/CMF DMM/DMF	40	830	T2080033101-007	T2080033201-007
HQ-005-□	5P□PE		CEM/CEF DEM/DEF	16	400	T2080052101-000	T2080052201-000
HQ-007-□	7P+PE		CDM/CDF DDM/DDF	10	400	T2080072101-000	T2080072201-000
HQ-012-□	12P+PE		CDM/CDF DDM/DDF	10	400	T2080122101-000	T2080122201-000
HQ-021-□	21P		CEM/CEF	6.5	50	T2080212101-007	T2080212201-007
HQ-032-□	32P		HD1contact S,M Size	2.2	32	T2080322101-000	T2080322201-000

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