

## ***DIN 2C Crimp***



### **Why did HARTING create the *DIN 2C Crimp***

As detailed in the 2009 launch of the 3B and 3C DIN connectors, smaller connector packages are being demanded in response to the trend towards miniaturization of PCBs and systems. Although in some cases this has led customers to seek higher density connector systems, often there is no requirement to do so. System designs may simply require a smaller connector package, not necessarily increased contact density.

Tested according to the IEC 60 603-2, the new connector can be populated with up to 48 contacts. It can be used in a variety of applications with latching or screw fitting, for cable to board or rear I/O configurations.

A specially designed hood is offered which incorporates features that simplify cable assembly processes. This provides secure and reliable strain relief with a cable tie that fixes the cable to the shell housing.

Utilizing the same contacts as standard crimp B and C types the 2C provides the same robust and reliable performance as the well-established, full length versions.

**Key Features and Benefits**

**Feature:** 3 optional cable openings. Openings closed when delivered but can be easily broken out by hand or pliers.

**Benefit:** This means less piece parts can get lost or go missing during assembly, and no blanking pieces required for unused holes.

**Feature:** Secure and reliable cable fixing at all three cable entries by means of a cable tie.

**Benefit:** Easy and quick fixing of cable inside the housing at 3 different positions

**Feature:** Locking levers already molded to housing.

**Benefit:** Less piece parts and no extra assembly is necessary.

**Feature:** Top and bottom of shell snap together without screws.

**Benefit:** Faster assembly, reduced risk of lost or damaged screws during assembly

**Feature:** Many fixing options using either locking levers or screw fixing

**Benefit:** Versatile solutions, can be mated with straight or right angled pcb connectors or can be mated to shroud for rear I/O.

**Feature:** High NFF classification F1 / I2 according to NFF 16-101 and 16-102

**Benefit:** Can be used in all railway applications without restrictions

**Feature:** Utilizes standard BC crimps, available in individual, 500 pcs reels or 5k pcs reels packaging. Available in PL 1 or PL 2 plating

**Benefit:** Contacts packaged for all levels of production from prototype/development to large volume. Plating options to address customers different performance and environmental needs.

**Feature:** 2 Crimp connectors available with different markings for mating to either 2C or 2R

**Benefit:** Addresses the problem of pin positions not matching when mated to a type 2R male connector.

**Markets**

Consider all DIN 41 612 customers and known markets including Transportation, Medical, Telecom, Defense and Industrial. Users of half length board mount DINs and full length cable mount DINs are obvious potential.

**Availability Status**

Product is released and available today



List Price

		Min/Mult	Select buy Price		Standard buy Price		Price break	List	
			1 to 499	500+	1 to 499	500+		1	100
09 23 048 0501	shell housing 2C	10	\$4.23	\$3.95	\$4.48	\$4.19	500	\$6.51	\$6.04
09 23 048 3214	empty crimp housing	20	\$3.69	\$3.44	\$3.91	\$3.65	500	\$5.68	\$5.27
09 23 048 3217	empty crimp housing	20	\$3.89	\$3.63	\$4.12	\$3.85	500	\$5.98	\$5.56