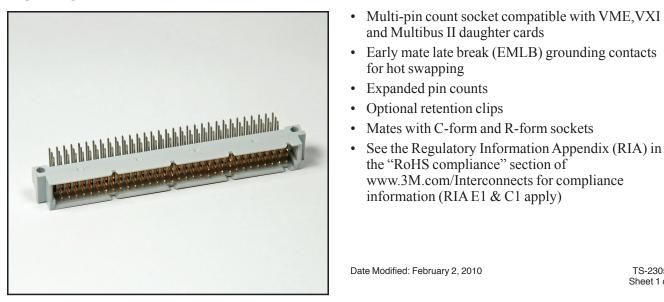
3M[™] DIN C Form Plug Right Angle, Solder Tail Termination

DIN 41612 Series



TS-2305-E Sheet 1 of 3

Physical

Glass Filled Polyester (PBT)
UL 94V-0
Gray
Copper Alloy
50 µ" Min.Nickel
See Ordering Information
See Ordering Information

Electrical

Current Rating: 3.0A at 30°C T-rise above ambient Contact Resistance: $\leq 20 \text{ m}\Omega$ Insulation Resistance: $\geq 1,000 \text{ M}\Omega, 100 \text{ V}_{\text{DC}}$ Withstanding Voltage: 1,000 V_{AC} for 1 minute

Environmental

Temperature Rating: -55°C to 125°C

Process Temperature Rating: Maximum Insulator Temperature 191°C (solder wave process only)

UL File No.: E68080

71

ЗМ **Electronic Solutions Division** Interconnect Solutions http://www.3Mconnector.com

3M[™] DIN C Form Plug

Right Angle, Solder Tail Termination

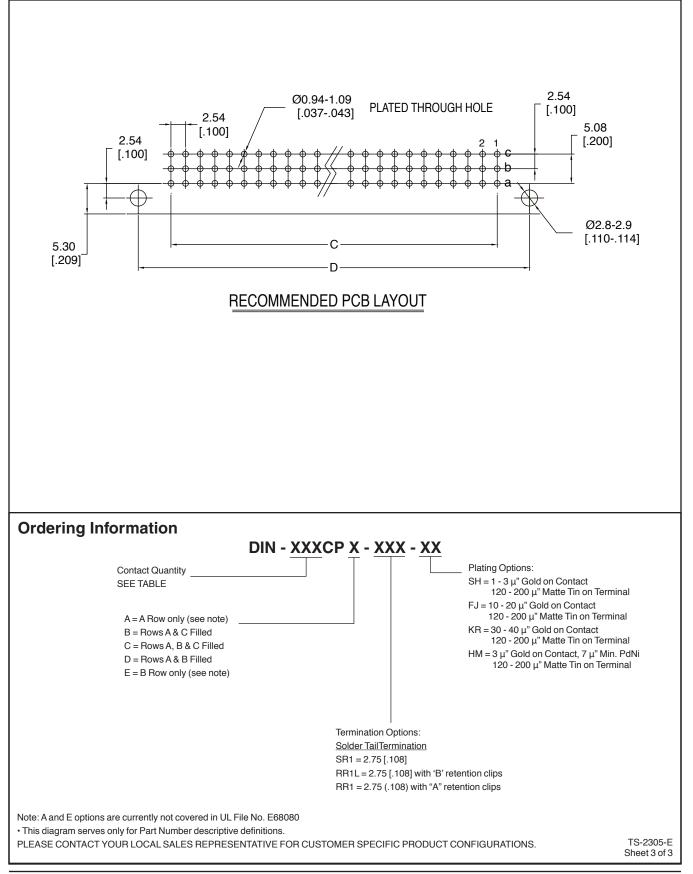
		Table 1				
Contact Quantity	Part Number	А	В	с	D	
16	DIN-016CPA-XXX-XXXX	54.40 [2.142]	44.56 [1.754]	38.10 [1.500]	48.26 [1.900]	
32	DIN-032CPB-XXX-XXXX	54.40 [2.142]	44.56 [1.754]	38.10 [1.500]	48.26 [1.900]	
48	DIN-048CPC-XXX-XXXX	54.40 [2.142]	44.56 [1.754]	38.10 [1.500]	48.26 [1.900]	
32	DIN-032CPD-XXX-XXXX	54.40 [2.142]	44.56 [1.754]	38.10 [1.500]	48.26 [1.900]	
16	DIN-016CPE-XXX-XXXX	54.40 [2.142]	44.56 [1.754]	38.10 [1.500]	48.26 [1.900]	
32	DIN-032CPA-XXX-XXXX	94.00 [3.701]	85.20 [3.354]	78.74 [3.100]	88.90 [3.500]	
64	DIN-064CPB-XXX-XXXX	94.00 [3.701]	85.20 [3.354]	78.74 [3.100]	88.90 [3.500]	
96	DIN-096CPC-XXX-XXXX	94.00 [3.701]	85.20 [3.354]	78.74 [3.100]	88.90 [3.500]	
64	DIN-064CPD-XXX-XXXX	94.00 [3.701]	85.20 [3.354]	78.74 [3.100]	88.90 [3.500]	
32	DIN-032CPE-XXX-XXXX	94.00 [3.701]	85.20 [3.354]	78.74 [3.100]	88.90 [3.500]	
10.20 [.402] 2-02.6 [0.102]					4.90 ± 0.10 [.193] 	11.10 [.437] 2.54 [.100] 6.00 [.236] 2.75 ± 0.250 [.108]
5.08 [[.200] PIN A1 PIN B1 PIN C1		A(Max.)B				
	.80 (50) SR1 WITHOUT RETENTION CLIP	WITH "B" RE	RR1L TENTION CLIPS CB thickness	m		ess Noted .X .XX 0.25 ± 0.15
						TS-23 Sheet 2

ЗМ

Electronic Solutions Division Interconnect Solutions http://www.3Mconnector.com 3M is a trademark of 3M Company. For technical, sales or ordering information call 800-225-5373

$3M^{TM}$ DIN C Form Plug

Right Angle, Solder Tail Termination



ЗМ

Electronic Solutions Division Interconnect Solutions http://www.3Mconnector.com

Important Notice

All statements, technical information, and recommendations related to 3M's products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product which are not contained in 3M's current publications, or any contrary statements contained on your purchase order shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of 3M.

Warranty; Limited Remedy; Limited Liability.

This product will be free from defects in material and manufacture for a period of one (1) year from the time of purchase. **3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. Except where prohibited by law, 3M will not be liable for any indirect, special, incidental or consequential loss or damage arising from this 3M product, regardless of the legal theory asserted.



3M Electronics Solutions Division 6801 River Place Blvd. Austin, TX 78726-9000 U.S.A. 1-800-225-5373 www.3Mconnector.com

Please recycle. Printed in USA. © 3M 2010. All rights reserved. RIA-2217B-E

3M is a trademark of 3M Company.