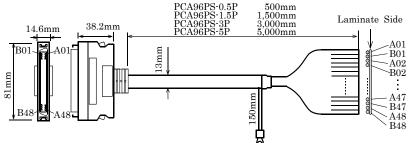
Shielded Cable with One 96-pin Half-Pitch Connector PCA96PS-0.5P, PCA96PS-1.5P, PCA96PS-3P, PCA96PS-5P User's Guide

CONTEC CO., LTD.

The PCA96PS-0.5P, PCA96PS-1.5P, PCA96PS-3P, and PCA96PS-5P are cables for connecting a 96-pin half-pitch connector on CONTEC board with other devices.

External Dimensions



Specifications

Item	Specification						
Connector used	96-pin half-pitch, female connector PCR-E96FA[HONDA] or equivalent						
Cable	96 core shield cable(48pair). Conductor size: AWG#30 Conductor composition: 7pcs/0.10mm UL2464						
Round terminal	V1.25·3[JST] or equivalent						
Specification of wire Terminals	It lamination-processes in 1.27mm pitch.						
Weight	200g(PCA96PS-0.5P), 420g(PCA96PS-1.5P), 750g(PCA96PS-3P), 1170g(PCA96PS-5P)						
Line core color	Line core color depends on the product revision. Please refer to the next page.						

Notes!

- Do not strike or bend the product. Otherwise, the product may malfunction, overheat, cause a failure or breakage.
- Do not insert or remove the connector while the power is turned on to the PC. Failure to observe this precaution
 may cause malfunction, overheating.
- Insert or remove the cable straightly. Otherwise, the part of connector may distort, cause a failure or breakage.
- The specifications of this product are subject to change without notice for quality improvement.
 Even when using the product continuously, be sure to read the manual and understand the contents.
- Regardless of the foregoing statement, CONTEC assumes no responsibility for any errors that may appear in this document or for any results of using the product.
- All relevant issues have been considered in the preparation of this document. Should you notice an omission or any questionable item in this document, please feel free to notify CONTEC CO., LTD.

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< Revision No. N/A > Wire

Connection Diagram

Revision No. Rxx

line core c

Connector

Pin No.

Line core color depends on the product revision. Revision No., please refer to the label of the connector.

Connector

Revision No. Rxx

< Revision No. N/A > Wire

line core color No.



(marking No./color) (marking No./color) > <Orange (1Red)> White (10Red) A01 A01 White (10Black) <Orange (1Black)> B01 B01 Gray (10Red) <Orange (2Red) A02 A02 <Orange (2Black): Grav (10Black) B02 Orange (10Red) <Orange (3Red A03 A03 Orange (10Black) <Orange (3Black) B03 B03 Pink (9Red) <Orange (4Red A04 A04 Pink (9Black) <Orange (4Black) B04 B04 Yellow (9Red) <Orange (5Red) A05A05 Yellow (9Black) <Orange (5Black) B05 White (9Red) <Gray (1Red)> A06A06 White (9Black) <Gray (1Black)> B06 B06Gray (9Red) <Gray (2Red)> A07 A07Grav (9Black) <Grav (2Black): B07 B07 Orange (9Red) <Gray (3Red)> A08 A08 Orange (9Black <Gray (3Black): B08 B08 Pink (8Red) <Gray (4Red)> A09 A09 Pink (8Black) <Gray (4Black) B09 B09 Yellow (8Red) <Gray (5Red)> A10 A10 Yellow (8Black) <Grav (5Black)> B10 B10 White (8Red) <White (1Red)> A11 A11 White (8Black) <White (1Black) B11 B11 Gray (8Red) <White (2Red)> A12A12 Gray (8Black) <White (2Black B19 B12 <White (3Red)> Orange (8Red) A13 A13 Orange (8Black) <White (3Black): IB13 B13 Pink (7Red) <White (4Red)> A14 A14 Pink (7Black) <White (4Black) B14 B14 Yellow (7Red) <White (5Red)> A15 Yellow (7Black) <White (5Black) B15 B15 White (7Red) <Yellow (1Red)> A16A16 White (7Black) <Yellow (1Black) B16 B16 Grav (7Red) <Yellow (2Red)> A17A17 Grav (7Black) <Yellow (2Black); B17 Orange (7Red) <Yellow (3Red)> A18 A18Orange (7Black) <Yellow (3Black): B18 B18 Pink (6Red) <Yellow (4Red)> A19 A19 Pink (6Black) <Yellow (4Black)> B19 B19 Yellow (6Red) <Yellow (5Red)> A20 A20Yellow (6Black) <Yellow (5Black) B20 White (6Red) <Pink (1Red)> A21 A21 White (6Black) <Pink (1Black): B21 Gray (6Red) <Pink (2Red)> A22 A22Gray (6Black) <Pink (2Black) B22 Orange (6Red) <Pink (3Red)> A 23 A23 Orange (6Black <Pink (3Black B23 B23 Pink (5Red) <Pink (4Red): A24 A24Pink (5Black) <Pink (4Black

Pin No. line core color line core c No (marking No/color) (marking No/color) > <Pink (5Red)> Yellow (5Red) A25A25Yellow (5Black) <Pink (5Black)> B25 B25 White (5Red) <Brown (1White)> A26 A26 White (5Black) <Brown (1Black)> Gray (5Red) <Brown (2White)> A27 A27 Gray (5Black) <Brown (2Black)> B27 B27 Orange (5Red) <Brown (3White): A28 A28 Orange (5Black) <Brown (3Black)> B28 B28 Pink (4Red) <Brown (4White): A 29 A29 <Brown (4Black)> Pink (4Black) B29 B29 Yellow (4Red) <Brown (5White): A30 A30Yellow (4Black) <Brown (5Black)> **B**30 B30 White (4Red) <Red (1White): A31 A31<Red (1Black): White (4Black B31 B31 Gray (4Red) <Red (2White): A32 A32 Gray (4Black) <Red (2Black) B32Orange (4Red) <Red (3White): A33 A33 Orange (4Black) <Red (3Black) B33 B33 Pink (3Red) <Red (4White) A34 A34 Pink (3Black) <Red (4Black)> B34 **B**34 Yellow (3Red) <Red (5White) A35 A35 Yellow (3Black) <Red (5Black)> B35 B35 White (3Red) <Blue (1White) A36 A36 White (3Black <Blue (1Black) B36 Grav (3Red) <Blue (2White A37 A37Gray (3Black) <Blue (2Black)> B37 B37 Orange (3Red) <Blue (3White) A38A38Orange (3Black) <Blue (3Black)> **B**38 B38 Pink (2Red) <Blue (4White) A39A39<Blue (4Black B39 B39 Yellow (2Red) <Blue (5White) A40 A40Yellow (2Black) <Blue (5Black) B40 B40 White (2Red) <Green (1White)> A41 White (2Black) <Green (1Black)> B41 B41 Gray (2Red) <Green (2White)> A42A42Grav (2Black) <Green (2Black)> B42B42 Orange (2Red) <Green (3White)> A43 A43Orange (2Black) <Green (3Black)> B43 B43 Pink (1Red) <Green (4White)> A44 A44Pink (1Black) <Green (4Black)> B44 B44 <Green (5White)> Yellow (1Red) A45A45Yellow (1Black) <Green (5Black)> B45 B45 White (1Red) <L/Green (1Red)> A46 A46White (1Black) <L/Green (1Black) B46 B46 Gray (1Red) <L/Green (2Red)> A47 A47Gray (1Black) <L/Green (2Black) B47 B47 Orange (1Red) <L/Green (3Red)> A48 A48 <L/Green (3Black)>B48 Orange (1Black) B48 Shield

Revision No. R2 or higher :
The marking No. shows
the below signs.

No	signs										
1											
2											
3											
4											
5											
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Revision No. N/A : The marking No. shows the below signs.

No					8	sig	ns	1				
1	-						-					
2	-	-					-	-				
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4	-	-	-	-			-	-	-	-		
5	-	-	-	-	-		-	-	-	-	-	

Rxx ··· xx indicates the revision number.

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Shell

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Round Terminal