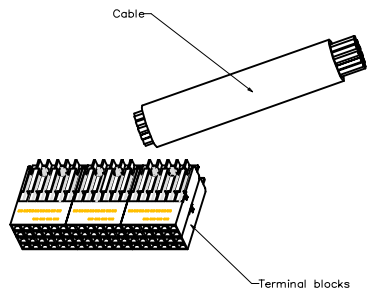


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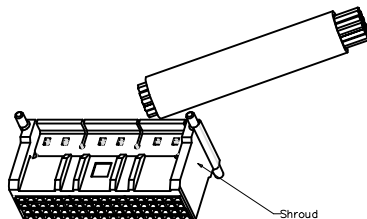
FCI

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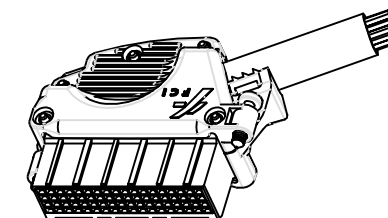
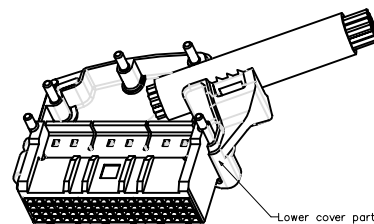
STEP 1
Strip the cable(s) and insert the individual wires into their corresponding IDC – contacts.



STEP 2
Insert the terminal blocks in the shroud. The flexible walls between the pegs of the shroud will bend outwards due to the dots on the terminal blocks. Make sure that all dots fit into the positioning windows before continuing. Attention : The shroud can be assembled as indicated in the figure below or upside down – polarisation ribs facing upwards, see 2nd picture of step 3 – to reverse the direction of the cable outlet; check which configuration is needed.

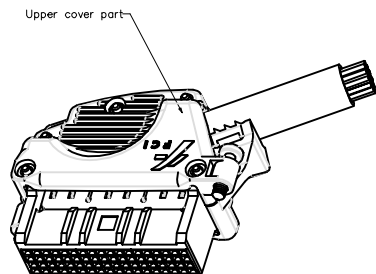


STEP 3
Put the assembly into the lower cover part. The pegs of the shroud should fit into the ovalized holes of the cover. Make sure no wires will be squeezed when closing the covers.

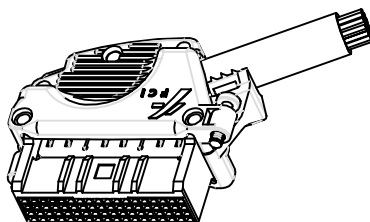


Configuration with reversed cable outlet; polarisation ribs of shroud facing upwards. (see instructions step 2)

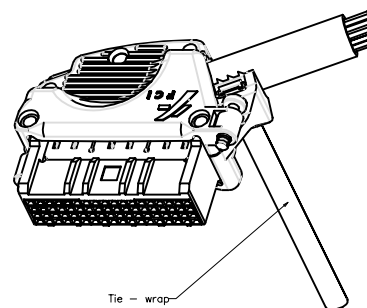
STEP 4
Fit the upper cover part on top of the assembly and close the connector. The covers are designed to stick together once they have been assembled. The transition between both covers will not be seamless; a "gap" of approximately 0.3 mm is intended.



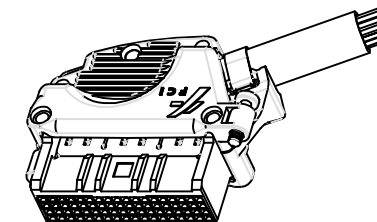
STEP 5
Deform the pegs – create rivets – using the approved tool to do this.



STEP 6
Insert the tie-wrap in the cavity as shown below. The buckle should click into its place, making it easy to wrap it around the cable(s) and feed it through the buckle again.



STEP 7
Wrap the strap around the cable(s), feed it through the buckle and tighten it using the appropriate tool. The cable should be pressed against the ribs of the feature holding the tie-wrap to provide the necessary strain relief.



HM1C13D2C110EB consists of		Qty.
HM1C16D20L10EB	Terminal block left	3
HM1C16D20R10EB	Terminal block right	3
HM1C13P49CAP1B	Upper cover half with pre-assembled screw	1
HM1C13P50CAP1B	Lower cover half with pre-assembled screw	1
HM1SH2B	72 pos. shroud	1
HPTE1637C	Metal tie wrap	1

Parts – terminal blocks, covers and shroud – should be ordered separately and will be delivered in bulk packing.

mat'l code				tolerance unless otherwise specified		CUSTOMER	A FCI www.fciconnect.com
rev.	ecn no.	dr	date	linear	.X ±0.3 .XX ±0.10	COPY	
A	DG03-0088	AZ	11/20/03			projection	title
B	DG05-0035	CLu	3/01/05				72 POS. Metral Cable Conn.
				angles	.X ±0.1°		
				dr	ANTONIO ZHU 11/20/03	unit	product family
				enr	ANTONIO ZHU 11/20/03	mm/inch	CABLE CONNECTOR
				chr	ANTONIO ZHU 11/20/03	scale	code
				appd	JOSEPH HSIA 11/20/03		
sheet	revision	B	B				size
index	sheet	1	2				dwg no.
							A3
							BSE202920001
							sheet
							1 OF 2

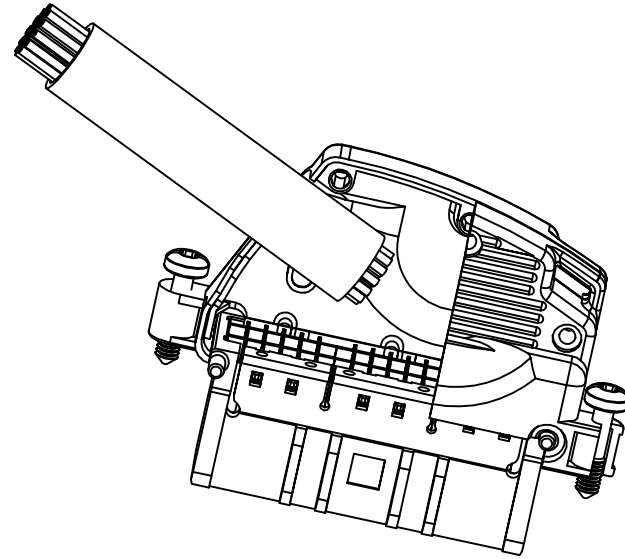
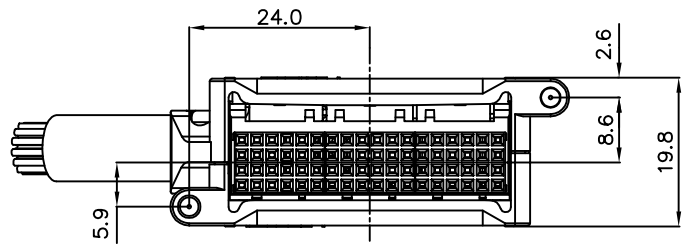
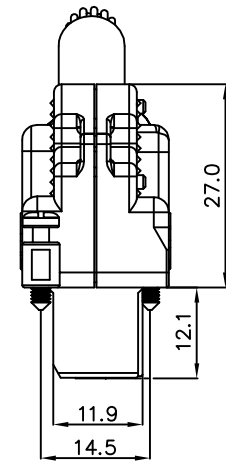
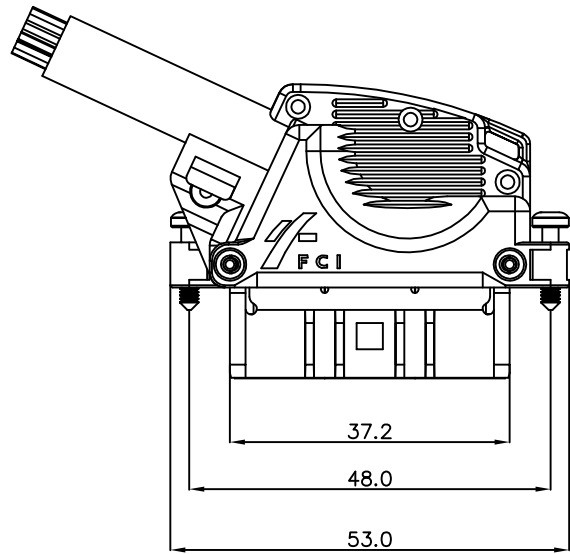
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
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rev.	ecn no.	dr	date	linear	.X ±0.3 .XX ±0.10	projection	title		
B				angles	.X ±0.1°		72 POS. Metral Cable Conn.		
				dr	ANTONIO ZHU 11/20/03	unit	product family CABLE CONNECTOR		code
				enr	ANTONIO ZHU 11/20/03	mm/inch	size dwg no.		sheet
				chr	ANTONIO ZHU 11/20/03	scale	A3 BSE202920001		2 of 2
				appd	JOSEPH HSIA 11/20/03				
sheet revision									
index sheet									