Crimp-Validation

DELPHI

product: DELPHI PN 15409041

material: CUFE2P
surface: F.SN3
material thickness: 0,32 mm

cross section [mm²]: 0,5 + 1,0 | 0,75 + 0,75 | 0,75 + 1,0 | 0,5 + 1,5
1,0 + 1,0 | 0,75 + 1,5

strip length: 4,30 mm

cable type: FLRY-B
insulation ø [mm]:

seal:

conductor dimension					crimp dimension [mm]			
					core		insulation	
cable arr.	cable type	cross sect. [mm²]	struct. n x d [mm]	tear-out force [N]	height ± 0,05	width ± 0,10	height ± 0,10	width ± 0,10
top	FLRY-B	0,5 + 1,0	16 x 0,21 + 32 x 0,21	80	1,55	2,60	3,40	3,60
top	FLRY-B	0,75 + 0,75	24 x 0,21 + 24 x 0,21	120	1,55	2,60	3,30	3,60
top	FLRY-B	0,75 + 1,0	24 x 0,21 + 32 x 0,21	120	1,60	2,60	3,45	3,60
top	FLRY-B	0,5 + 1,5	16 x 0,21 + 30 x 0,26	80	1,65	2,60	3,50	3,60
top	FLRY-B	1,0 + 1,0	32 x 0,21 + 32 x 0,21	160	1,65	2,60	3,50	3,65
top	FLRY-B	0,75 + 1,5	24 x 0,21 + 30 x 0,26	120	1,70	2,60	3,70	3,65

<u>core:</u>
C-2.50-3.5-19
DPN 10713724

<u>insulation:</u>
IO-3.50-2.0-12
DPN 10713880

<u>anvil:</u>
AS-025
DPN 10714389

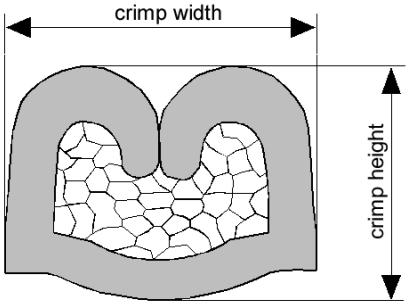
<u>two piece anvil:</u>
AC-2.50-3.75-A
DPN 10764010

AI-3.50-2.6-0.4
DPN 10769980

The tear-out force is validated for the small cable.

<u>Notice to cable arrangement:</u>

side: cables side by side
top: one cable on top of the other
n. d.: not defined



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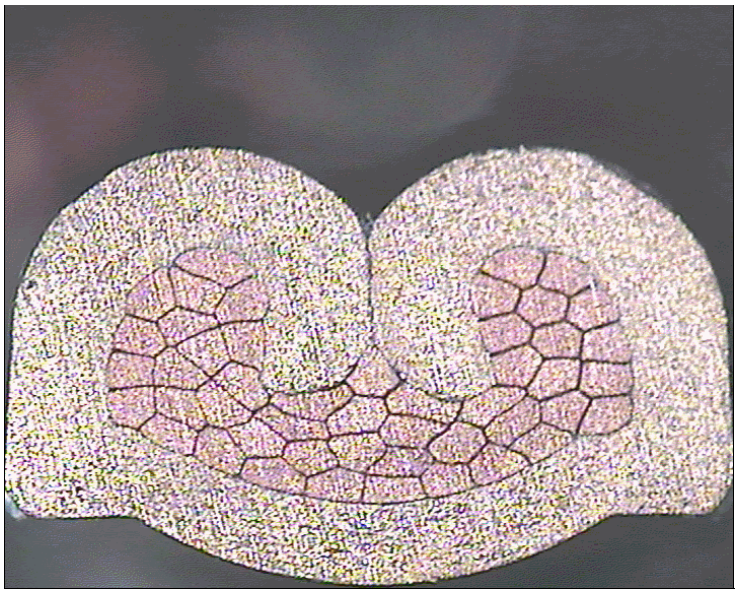
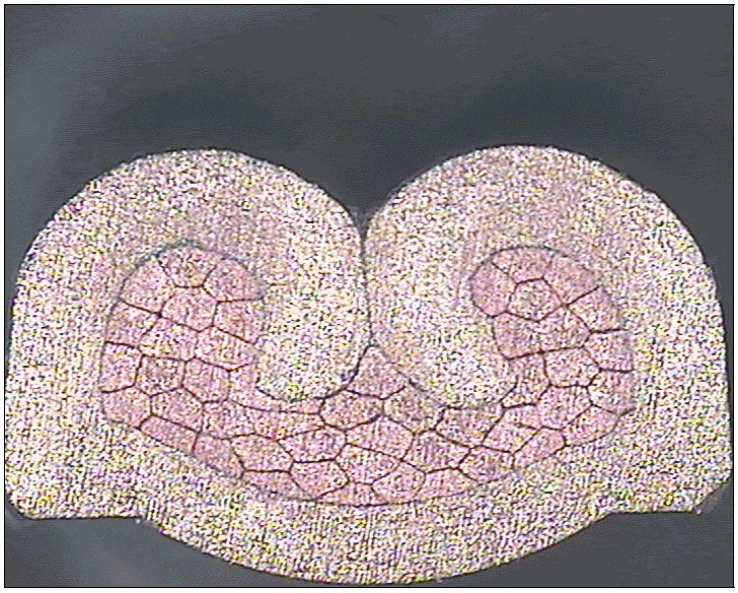


cable:
0,50 mm² + 1,00 mm² =
16 x 0,21 mm + 32 x 0,21 mm

crimp height:
1,55 mm

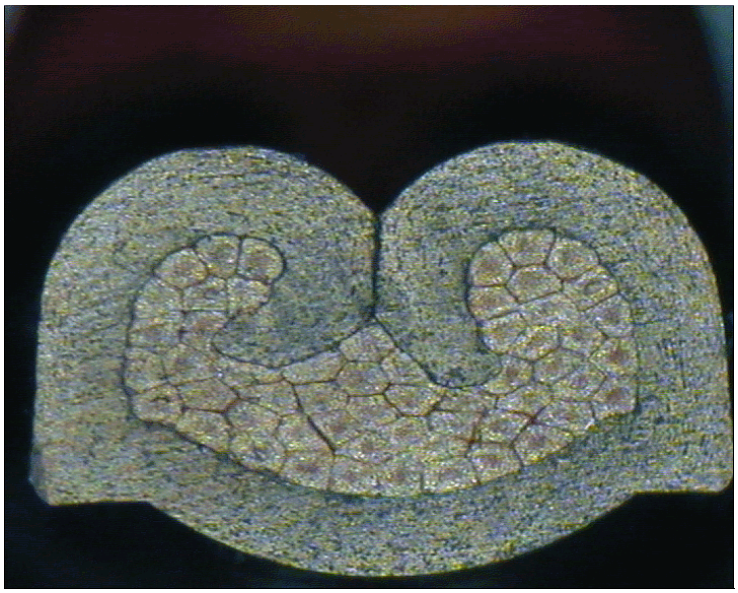
crimp width:
2,60 mm



cable:
0,75 mm² + 0,75 mm² =
24 x 0,21 mm + 24 x 0,21 mm

crimp height:
1,55 mm

crimp width:
2,60 mm



cable:
0,75 mm² + 1,00 mm² =
24 x 0,21 mm + 32 x 0,21 mm

crimp height:
1,60 mm

crimp width:
2,60 mm

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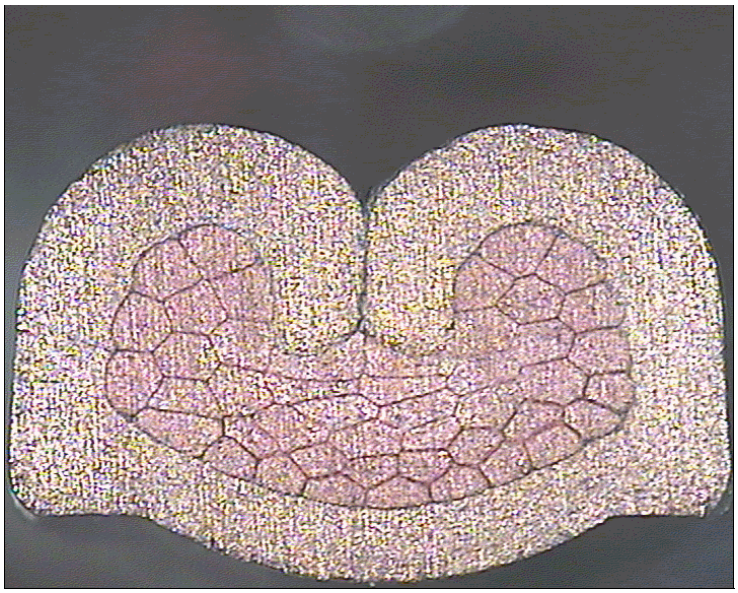
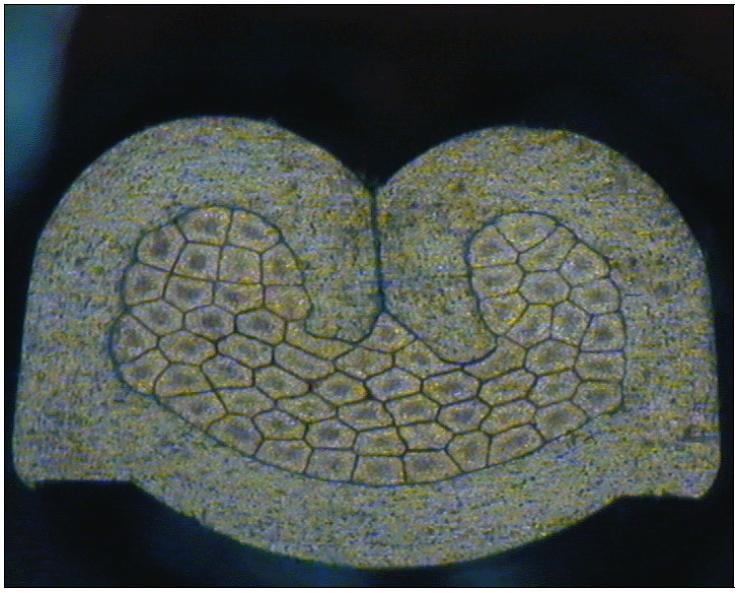


cable:
0,50 mm² + 1,50 mm² =
16 x 0,21 mm + 30 x 0,26 mm

crimp height:
1,65 mm

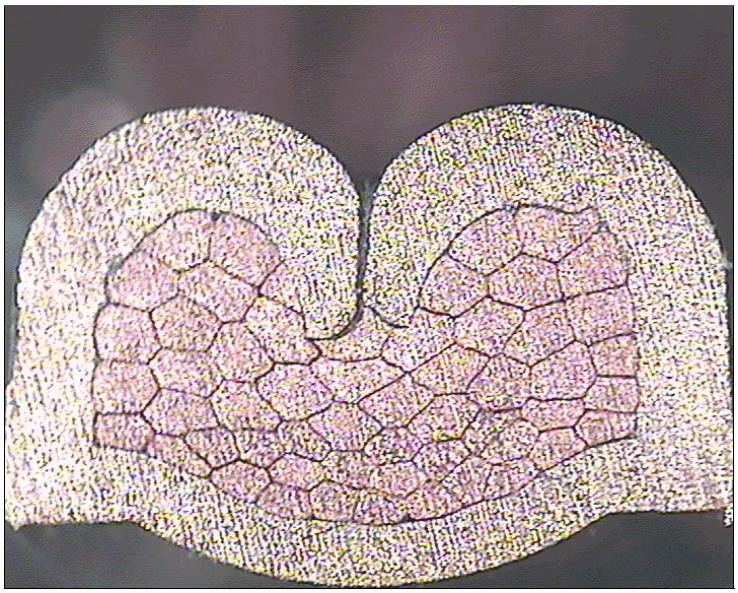
crimp width:
2,60 mm



cable:
1,00 mm² + 1,00 mm² =
32 x 0,21 mm + 32 x 0,21 mm

crimp height:
1,65 mm

crimp width:
2,60 mm



cable:
0,75 mm² + 1,50 mm² =
24 x 0,21 mm + 30 x 0,26 mm

crimp height:
1,70 mm

crimp width:
2,60 mm