Crimp-Validation

DELPHI

product: DELPHI PN 12147303

material: CUNISI
surface: F.SN3
material thickness: 0,38 mm

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

strip length: 4,50 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
side	FLRY-B	0,75 + 0,75	24 x 0,21 + 24 x 0,21	120	1,65	2,80	2,90	3,60
top	FLRY-B	0,75 + 1,0	24 x 0,21 + 32 x 0,21	120	1,75	2,85	3,25	3,70
top	FLRY-B	0,75 + 1,5	24 x 0,21 + 30 x 0,26	120	1,85	2,85	3,30	3,75

core:
C-2.75-3.5-19
DPN 10713702

insulation:
I-3.50-2.5-12
DPN 10713831

anvil:
AS-2.75-3.50-7.7-3.0-0.4
DPN 10713951

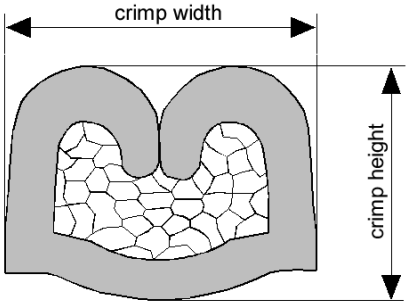
two piece anvil:
AC-2.75-3.75
DPN 10764131

AI-3.50-3.4-0.4
DPN 10806915

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

Notice to cable arrangement:

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



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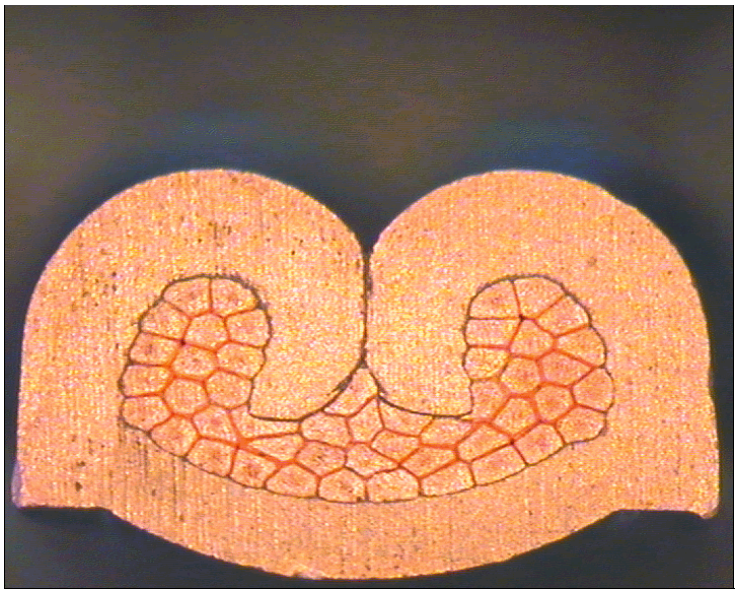
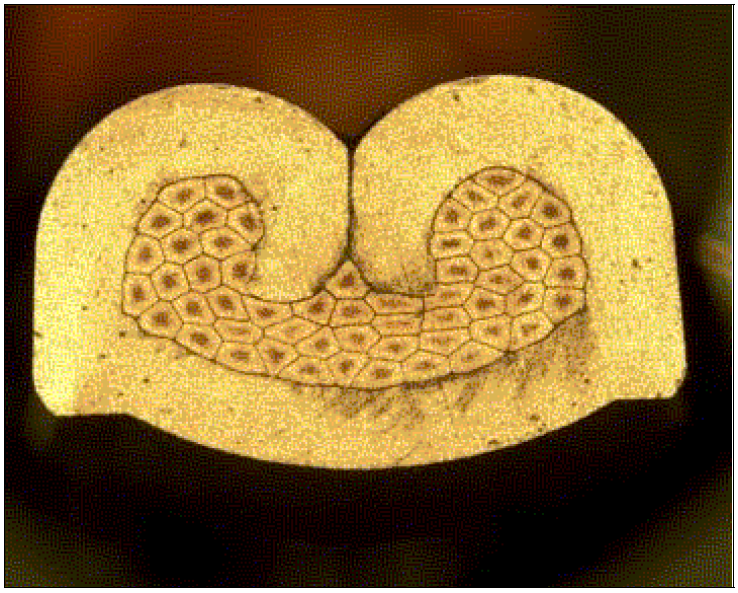


cable:
0,75 mm² + 0,75 mm² =
24 x 0,21 mm + 24 x 0,21 mm

crimp height:
1,65 mm

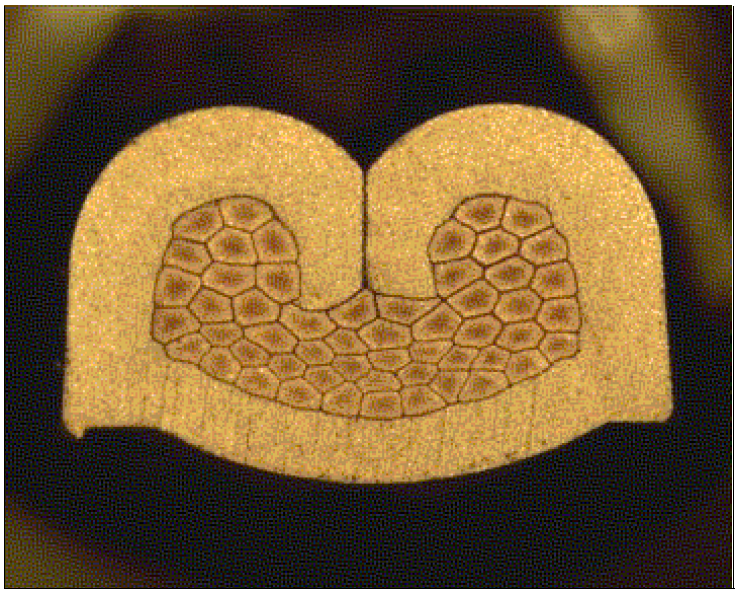
crimp width:
2,80 mm



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

crimp height:
1,75 mm

crimp width:
2,85 mm



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

crimp height:
1,85 mm

crimp width:
2,85 mm