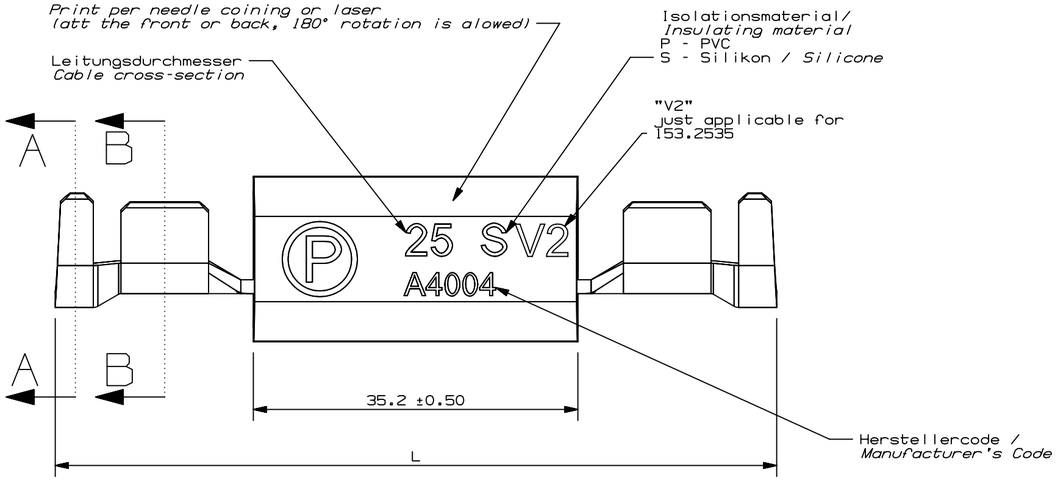
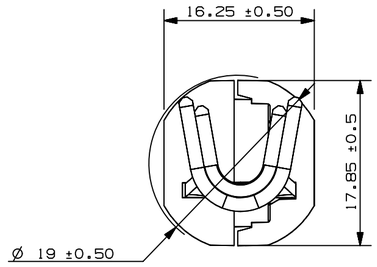
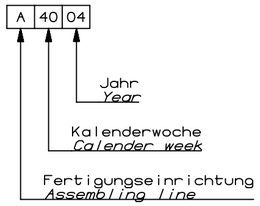
LTR	DATE	REVISION	CHK	APD
A	05/13/13	508160ERA (MHOF)		
B	07/15/13	508740ECA -- V2 added to marking for 153.2535 (MHOF)		

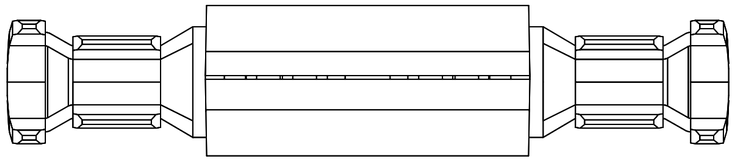
Beschriftung per Nadelpraeger oder Laser
(auch umseitig und um 180° gedreht moeglich)

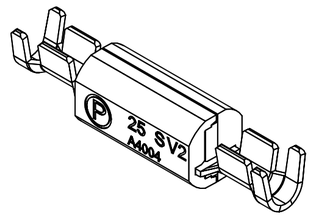
Print per needle coining or laser
(att the front or back, 180° rotation is alowed)

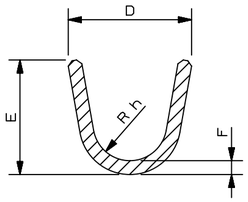




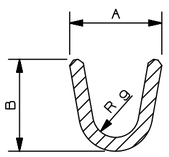








SECTION A-A



SECTION B-B

Artikelnummer *Article No.*	Leitungsquerschnitt *Cable cross-section*	Isolationsmaterial *Insulating material*	Temp.klasse *Temp class*	Nennstrom *Rated current*	A mm	B mm	D mm	E mm	F mm	Rg mm	Rh mm	L mm
153.1002	10mm²	PVC	B	100A	11,3±0,5	11±0,5	12,7±0,5	10,6±0,5	1,2±0,1	3±0,5	3,5±0,5	78,0±0,5
153.1012	10mm²	Silikon/Silicone	F	125A	11,3±0,5	11±0,5	12,7±0,5	10,6±0,5	1,2±0,1	3±0,5	3,5±0,5	78,0±0,5
153.1602	16mm²	PVC	B	125A	11,3±0,5	11±0,5	12,7±0,5	10,6±0,5	1,2±0,1	3±0,5	3,5±0,5	78,0±0,5
153.1612	16mm²	Silikon/Silicone	F	170A	13,2±0,5	13±0,5	16,4±0,5	13,8±0,5	1,5±0,1	3±0,5	4,5±0,5	78,3±0,5
153.2502	25mm²	PVC	B	170A	13,2±0,5	13±0,5	16,4±0,5	13,8±0,5	1,5±0,1	3±0,5	4,5±0,5	78,1±0,5
153.2512	25mm²	Silikon/Silicone	F	190A	13,2±0,5	13±0,5	16,4±0,5	13,8±0,5	1,5±0,1	3±0,5	4,5±0,5	78,1±0,5
153.3502	35mm²	PVC	B	300A	15,4±0,5	14,1±0,5	16,6±0,5	13,8±0,5	1,5±0,1	4±0,5	4,5±0,5	78,3±0,5
153.2535	25mm²	Silikon/Silicone	F	200A	15,4±0,5	14,1±0,5	16,6±0,5	13,8±0,5	1,5±0,1	4±0,5	4,5±0,5	78,3±0,5

nach ISO 6722

Artikelnummer *Article No.*	Leitungsquerschnitt *Cable cross-section*	Drahtcrimphoehe [G] *Height crimp core [G]*	Drahtcrimpbreite [H] *Width crimp core [H]*	Isolationscrimphoehe [J]* *Height insulation crimp [J]**	Isolationscrimpbreite [K]* *Width insulation crimp [K]**	Abzugskraft *Pull force*
153.1002	10mm²	4,85mm±0,1mm	7,95mm±0,1mm	7,20mm±0,1mm	9,85mm±0,1mm	1200N
153.1012	10mm²	4,85mm±0,1mm	7,95mm±0,1mm	7,20mm±0,1mm	9,85mm±0,1mm	1200N
153.1602	16mm²	5,50mm±0,1mm	8,05mm±0,1mm	8,70mm±0,1mm	10,15mm±0,1mm	1500N
153.1612	16mm²	6,25mm±0,1mm	9,57mm±0,1mm	9,50mm±0,1mm	12,30mm±0,1mm	1400N
153.2502	25mm²	6,65mm±0,1mm	9,66mm±0,1mm	10,10mm±0,1mm	12,35mm±0,1mm	2100N
153.2512	25mm²	6,65mm±0,1mm	9,66mm±0,1mm	10,10mm±0,1mm	12,35mm±0,1mm	2100N
153.3502	35mm²	7,10mm±0,1mm	11,65mm±0,1mm	11,25mm±0,1mm	14,25mm±0,1mm	2500N
153.2535	25mm²	tbd±0,1mm	tbd±0,1mm	tbd±0,1mm	tbd±0,1mm	tbd

* = only valid for internal test cables, as insulation thickness dependent.

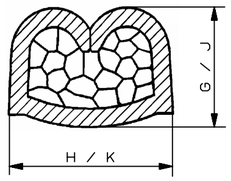
Note:
Crimpparameter sind als Richtwerte anzusehen und muessen mit dem zu verwendeten Leitungstyp und dem Crimpwerkzeughersteller neu ausgelegt werden.
Crimp parameter are for reference only and have to be configured with used wire type and in cooperation with the crimp tool manufacturer.

Einbauhinweis:
Die in der Leitung integrierte Sicherung ist mit einem selbstklebenden Schrumpfschlauch zu isolieren.
Die Leitungen sind an beiden Seiten der Sicherung zu fixieren, um Leitungskraefte abzufangen.

Assembly notes:
The wire integrated fuse has to be insulated by using a self-adhesive shrinking tube.
The wire has to be fixed on both sides of the fuse, to minimize the wire forces.

Empfohlener Schrumpfschlauch / *Recommended shrinking tube*:
DERAY(R) - IAKT 4:1, 24mm

Validiert nach Littelfuse Spezifikation VS-006053.
Validated acc. to Littelfuse Specification VS-006053.



NO	COMPONENT NO	DESCRIPTION	QTY/M	U/M

BILL OF MATERIAL

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS.
DIMENSIONS IN BRACKETS [ ] ARE INCHES

UNLESS OTHERWISE SPECIFIED, DIMENSIONS DO NOT INCLUDE PLATING.

◎ DENOTES CRITICAL CHARACTERISTICS.

CPK DENOTES CPK DIMENSIONS, -MINIMUM CPK VALUE

ST DENOTES A CHARACTERISTIC THAT PROVIDES AN INDICATION OF PROCESS PERFORMANCE. PROCEDURE FOR MEASUREMENT AND TRACKING TO BE DEFINED IN LITTELFUSE INSPECTION INSTRUCTIONS

CP DENOTES CP DIMENSIONS, -MINIMUM CP VALUE MUST BE WITHIN THE DIMENSIONAL LIMITATIONS SHOWN ON DRAWING AND INITIALLY LOCATED TO ALLOW FOR MAXIMUM TOOL LIFE

COPIES TO
1 9 18
2 10 19
3 12 20
4 13 21
5 14 23
6 15 33
7 16 43
8 17 53

MATL SPEC
Stanzteil/*punching*: CuFe2P
Lotperle/*soldering drop*: Sn,bleifrei/lead-free
Innengehäuse/*innerhousing*: PET GF30
Außengehäuse/*outerhousing*: PA66 GF30

FINISH XXX

DRW	DATE	SCALE
Michael Hofmann	03/05/13	2:1
CHK	DATE	SUPER DR
APPD	DATE	FINSH GOOD WT GRAMS/PIECE

TOLERANCES UNLESS OTHERWISE SPECIFIED (REF. ISO 2768-mK)

DIMENSION	UP TO 0.5 - 3	OVER 3 - 6 UP TO	OVER 6 - 30 UP TO	OVER 30 - 120 UP TO	OVER 120 - 400 UP TO
TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5

3RD ANGLE PROJECTION

TITLE: BF-INLINE

METRIC
ASSEMBLY

Littelfuse
DES PLAINES, ILLINOIS 60016

REVISION B

DRWG. NO. OL-153.0000

CAD GENERATED DRAWING - NO PENCIL CHANGES ALLOWED