

HL Flame retardant tie-on cable marker tags

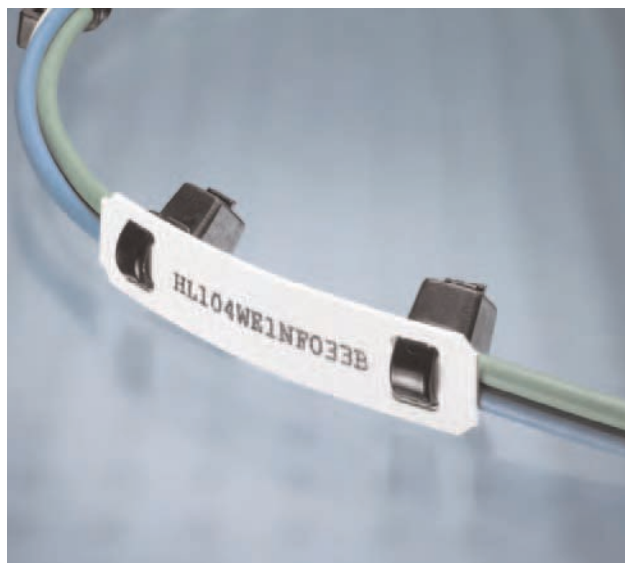
Used to identify large cables and bundles either pre or post-termination, these flame retardant HL cable markers are suitable for use in environments with temperatures of -55°C to $+135^{\circ}\text{C}$ (-67°F to $+275^{\circ}\text{F}$). The markers are easily applied with standard cable ties.

HL markers are presented as organized markers assembled onto either a fanfolded or reeled paper carrier for ease of selection and kitting and are available in an extensive range of sizes.

They are available with the surface designed for either dot matrix or thermal transfer printers.

Features and benefits

- Recommended for use where de-termination of wires is not possible for large ID wires or wire bundles
- Heat resistant to $+175^{\circ}\text{C}$ for 168 hours or $+250^{\circ}\text{C}$ for 4 hours with no deterioration in properties
- Several printable widths and heights available
- Non-standard color options available



Temperature rating

Operating temperature range	-55°C to $+135^{\circ}\text{C}$	-67°F to $+275^{\circ}\text{F}$
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Specifications/approvals

Tyco Electronics	TTDS-037
Military	SAE AS81531 4.6.2
	MIL-STD-202 Method 215J
Industry	ASTM D 2671

Printer information

Tyco Electronics printer	AM 6310 (dot matrix)
	T312M (thermal transfer)
Tyco Electronics ribbon	1892BK04 (dot matrix)
	1892BK03 (dot matrix — high performance)
	TMS-RJS-RIBBON-4RPSCE

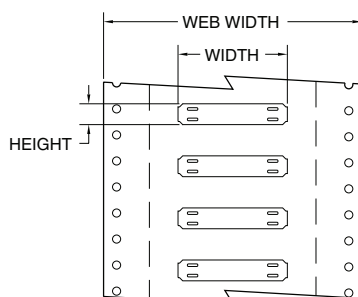
Part numbering system

HL	150	YW	1	NF	033	B	
							Pack size
							Printable width (mm)
							Format
							Scoring
							Color
							Marker height
							Product family

OBsolete
NOT the LATEST
REVISION

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Ordering information



Available sizes and formats

Ordering description	Marker dimensions (W x H)		Printable area (W x H)		Pack size	
	mm	inches	mm	inches	NF	TS
HL104<color>1<format>025B	45.00 x 10.40	1.800 x 0.400	25.00 x 10.40	1.000 x 0.400	550	1000
HL104<color>1<format>033B	52.00 x 10.40	2.100 x 0.400	33.00 x 10.40	1.300 x 0.400	550	1000
HL104<color>1<format>038B	58.00 x 10.40	2.300 x 0.400	38.00 x 10.40	1.500 x 0.400	550	1000
HL104<color>1<format>050B	70.00 x 10.40	2.750 x 0.400	50.00 x 10.40	2.000 x 0.400	550	1000
HL104<color>1<format>070B	90.00 x 10.40	3.500 x 0.400	70.00 x 10.40	2.750 x 0.400	550	1000
HL150<color>1<format>025B	45.00 x 15.00	1.800 x 0.600	25.00 x 15.00	1.000 x 0.600	550	500
HL150<color>1<format>033B	52.00 x 15.00	2.100 x 0.600	33.00 x 15.00	1.300 x 0.600	550	500
HL150<color>1<format>038B	58.00 x 15.00	2.300 x 0.600	38.00 x 15.00	1.500 x 0.600	550	500
HL150<color>1<format>050B	70.00 x 15.00	2.750 x 0.600	50.00 x 15.00	2.000 x 0.600	550	500
HL150<color>1<format>070B	90.00 x 15.00	3.500 x 0.600	70.00 x 15.00	2.750 x 0.600	550	500
HL203<color>1<format>025B	45.00 x 20.30	1.800 x 0.800	25.00 x 20.30	1.000 x 0.800	550	500
HL203<color>1<format>033B	52.00 x 20.30	2.100 x 0.800	33.00 x 20.30	1.300 x 0.800	550	500
HL203<color>1<format>038B	58.00 x 20.30	2.300 x 0.800	38.00 x 20.30	1.500 x 0.800	550	500
HL203<color>1<format>050B	70.00 x 20.30	2.750 x 0.800	50.00 x 20.30	2.000 x 0.800	550	500
HL203<color>1<format>070B	90.00 x 20.30	3.500 x 0.800	70.00 x 20.30	2.750 x 0.800	550	500
HL253<color>1<format>025B	45.00 x 25.30	1.800 x 1.000	25.00 x 25.30	1.000 x 1.000	300	250
HL253<color>1<format>033B	52.00 x 25.30	2.100 x 1.000	33.00 x 25.30	1.300 x 1.000	300	250
HL253<color>1<format>038B	58.00 x 25.30	2.300 x 1.000	38.00 x 25.30	1.500 x 1.000	300	250
HL253<color>1<format>050B	70.00 x 25.30	2.750 x 1.000	50.00 x 25.30	2.000 x 1.000	300	250
HL253<color>1<format>070B	90.00 x 25.30	3.500 x 1.000	70.00 x 25.30	2.750 x 1.000	300	250

Options

Prescoring	Not available on these products – this should always be 1.		
Package sizes	Standard	B	
Colors	Standard	White	Yellow
	Code	WE	YW
	Nonstandard	Red	Blue
	Code	RD	BE
Format	NF – Dot matrix printing (fanfold/single sided)		
	TS – Thermal transfer (reel/single sided)		
Printable Width On Marker	025	25mm (1")	
	033	33mm (1.3")	
	038	38mm (1.5")	
	050	50mm (2")	
	070	70mm (2.75")	

Ordering information: Specify product name, marker height, color, scoring option (always 1), format, printable width, and pack size.

Ordering example: HL150YW1NF033B

Mouser Electronics

Authorized Distributor

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[HL104YW1NF033B](#)