

以太网解决方案

针对 BROADCOM - 大众市场 PHY

产品选型指南



Stewart Connector 和 Bel Magnetic Solutions 品牌包含全面的连接器产品组合以及磁性选项，将 Bel 的连接器和磁性设计专业知识相结合，以提供最高水平连接和信号调理。

连接器选项

- 多 端 口 配 置 : 1 * 2 / 1 * 4
- 堆 叠 配 置 : 2x1 / 2x4 / 2x6 / 2x8
- 带或不带 LED
- 垂直安装包装
- 增强型屏蔽面板接地

磁性选项

- 10/100 自动M 4-5-18 DIX
- 10/100/1000 千兆位
- 以太网供电 (PoE) 选项
- 扩展温度范围: -40°C至+85°C
- 1、2 和 4 端口解决方案

Bel Magnetic 解决方案

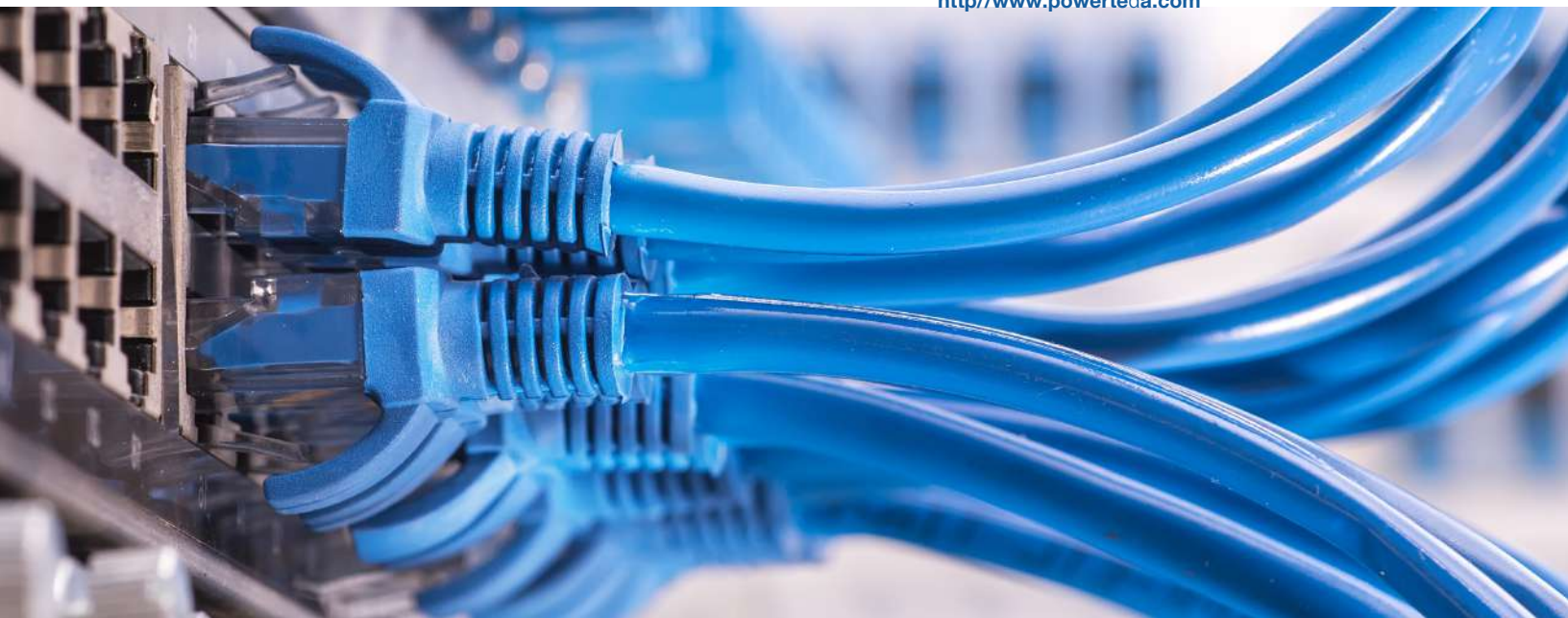
分立式 LAN 磁性元件产品线包括广泛的一系列专为使用而设计的基于磁性的解决方案在高速计算机和网络应用中。
Bel 的单通道、双通道和四通道SMT 模块产品组合与 IEEE 802.3以太网标准兼容
用于 10/100 1G、2.5G、5G 和 10GBaseT传输。
产品开发将继续专注于设备
与支持所需的带宽兼容
语音/视频/数据网络的融合，
高性能计算和存储流量
企业空间和数据中心。

Stewart 连接器

Stewart Connector 产品组合包括当今市场上最广泛的以太网连接之一。我们的互连产品线包括无源插孔、插头和电缆组件，可在网络设备中提供连接。我们所有的连接器产品都旨在满足行业标准的性能要求，并能够通过 10GBaseT 以太网提供数据速度。此外，我们的产品设计超越了所有现有 PoE 标准的要求，包括：PoE、PoE+ 和 100W PoE。



<http://www.powerteda.com>



10/100 物理层

IC系列	零件编号					LEDs	取向	应用	工作温度
	Bel Magnetic 解决方案	端口数	Stewart 连接器	端口数	端口配置				
BCM5380 BCM5220 BCM5228 BCM5238 BCM5248	S558-5999-46-F	1	SS-7488SC5-GG-PG4-BA	1	1X1	Yes	选项卡向下	10/100BaseT	0 to 70°C
			SS-700810S-A-PG4-BA	1	1X1	No	选项卡向下	10/100BaseT	0 to 70°C
			SS-74301-001	1	1X1	Yes	垂直	10/100BaseT	0 to 70°C
			SS-7188VS-A-NF-50	1	1X1	No	垂直	10/100BaseT	0 to 70°C
			SS-748802SC5-YG-PG4-BZ	2	1X2	Yes	选项卡向下	10/100BaseT	0 to 70°C
			SS71800-035F	2	1X2	No	选项卡向下	10/100BaseT	0 to 70°C
			SS-748804SC5-YG-PG4-BZ	4	1X4	Yes	选项卡向下	10/100BaseT	0 to 70°C
			SS71800-041F	4	1X4	No	选项卡向下	10/100BaseT	0 to 70°C
			SS-74500-029	2	2X1	Yes	堆叠	10/100BaseT	0 to 70°C
			SS-73100-082	2	2X1	No	堆叠	10/100BaseT	0 to 70°C
			SS-74500-020	4	2X2	Yes	堆叠	10/100BaseT	0 to 70°C
			SS-7388H22S-PG4-AC-50	4	2X2	No	堆叠	10/100BaseT	0 to 70°C
			SS-74500-024	8	2X4	Yes	堆叠	10/100BaseT	0 to 70°C
			SS-73100-073	8	2X4	No	堆叠	10/100BaseT	0 to 70°C
			SS-74500-028	12	2X6	Yes	堆叠	10/100BaseT	0 to 70°C
			SS73100-046F	12	2X6	No	堆叠	10/100BaseT	0 to 70°C
			SS-74500-022	16	2X8	Yes	堆叠	10/100BaseT	0 to 70°C
			SS73100-047F	16	2X8	No	堆叠	10/100BaseT	0 to 70°C
BCM5222	S558-5999-Q9-F	4	SS-7488SC5-GG-PG4-BA	1	1x1	Yes	选项卡向下	10/100BaseT	0 to 70°C
			SS-700810S-A-PG4-BA	1	1x1	No	选项卡向下	10/100BaseT	0 to 70°C
			SS-74301-001	1	1x1	Yes	垂直	10/100BaseT	0 to 70°C
			SS-7188VS-A-NF-50	1	1x1	No	垂直	10/100BaseT	0 to 70°C
			SS-748802SC5-YG-PG4-BZ	2	1x2	Yes	选项卡向下	10/100BaseT	0 to 70°C
			SS71800-035F	2	1x2	No	选项卡向下	10/100BaseT	0 to 70°C
			SS-748804SC5-YG-PG4-BZ	4	1x4	Yes	选项卡向下	10/100BaseT	0 to 70°C
			SS71800-041F	4	1x4	No	选项卡向下	10/100BaseT	0 to 70°C
			SS-74500-029	2	2x1	Yes	堆叠	10/100BaseT	0 to 70°C
			SS-73100-082	2	2x1	No	堆叠	10/100BaseT	0 to 70°C
			SS-74500-020	4	2x2	Yes	堆叠	10/100BaseT	0 to 70°C
			SS-7388H22S-PG4-AC-50	4	2x2	No	堆叠	10/100BaseT	0 to 70°C
			SS-74500-024	8	2x4	Yes	堆叠	10/100BaseT	0 to 70°C
			SS-73100-073	8	2x4	No	堆叠	10/100BaseT	0 to 70°C
			SS-74500-028	12	2x6	Yes	堆叠	10/100BaseT	0 to 70°C
			SS73100-046F	12	2x6	No	堆叠	10/100BaseT	0 to 70°C
			SS-74500-022	16	2x8	Yes	堆叠	10/100BaseT	0 to 70°C
			SS73100-047F	16	2x8	No	堆叠	10/100BaseT	0 to 70°C

10/100 PHY (持续)

IC系列	产品编号				端口配置	LEDs	取向	应用	工作温度
	Bel Magnetic 解决方案	端口数	Stewart 连接器	端口数					
BCM5222	S558-5999-AA-F	4	SS-7488SC5-GG-PG4-BA	1	1x1	Yes	选项卡向下	10/100BaseT	-40 to 85°C
			SS-700810S-A-PG4-BA	1	1x1	No	选项卡向下	10/100BaseT	-40 to 85°C
			SS-74301-001	1	1x1	Yes	垂直	10/100BaseT	-40 to 85°C
			SS-7188VS-A-NF-50	1	1x1	No	垂直	10/100BaseT	-40 to 85°C
			SS-748802SC5-YG-PG4-BZ	2	1x2	Yes	选项卡向下	10/100BaseT	-40 to 85°C
			SS71800-035F	2	1x2	No	选项卡向下	10/100BaseT	-40 to 85°C
			SS-748804SC5-YG-PG4-BZ	4	1x4	Yes	选项卡向下	10/100BaseT	-40 to 85°C
			SS71800-041F	4	1x4	No	选项卡向下	10/100BaseT	-40 to 85°C
			SS-74500-029	2	2x1	Yes	堆叠	10/100BaseT	-40 to 85°C
			SS-73100-082	2	2x1	No	堆叠	10/100BaseT	-40 to 85°C
			SS-74500-020	4	2x2	Yes	堆叠	10/100BaseT	-40 to 85°C
			SS-7388H22S-PG4-AC-50	4	2x2	No	堆叠	10/100BaseT	-40 to 85°C
			SS-74500-024	8	2x4	Yes	堆叠	10/100BaseT	-40 to 85°C
			SS-73100-073	8	2x4	No	堆叠	10/100BaseT	-40 to 85°C
			SS-74500-028	12	2x6	Yes	堆叠	10/100BaseT	-40 to 85°C
			SS73100-046F	12	2x6	No	堆叠	10/100BaseT	-40 to 85°C
			SS-74500-022	16	2x8	Yes	堆叠	10/100BaseT	-40 to 85°C
			SS73100-047F	16	2x8	No	堆叠	10/100BaseT	-40 to 85°C
BCM5325	S558-5999-U7-F	1	SS-7488SC5-GG-PG4-BA	1	1x1	Yes	选项卡向下	10/100BaseT	-40 to 85°C
			SS-700810S-A-PG4-BA	1	1x1	No	选项卡向下	10/100BaseT	-40 to 85°C
			SS-74301-001	1	1x1	Yes	垂直	10/100BaseT	-40 to 85°C
			SS-7188VS-A-NF-50	1	1x1	No	垂直	10/100BaseT	-40 to 85°C
			SS-748802SC5-YG-PG4-BZ	2	1x2	Yes	选项卡向下	10/100BaseT	-40 to 85°C
			SS71800-035F	2	1x2	No	选项卡向下	10/100BaseT	-40 to 85°C
			SS-748804SC5-YG-PG4-BZ	4	1x4	Yes	选项卡向下	10/100BaseT	-40 to 85°C
			SS71800-041F	4	1x4	No	选项卡向下	10/100BaseT	-40 to 85°C
			SS-74500-029	2	2x1	Yes	堆叠	10/100BaseT	-40 to 85°C
			SS-73100-082	2	2x1	No	堆叠	10/100BaseT	-40 to 85°C
			SS-74500-020	4	2x2	Yes	堆叠	10/100BaseT	-40 to 85°C
			SS-7388H22S-PG4-AC-50	4	2x2	No	堆叠	10/100BaseT	-40 to 85°C
			SS-74500-024	8	2x4	Yes	堆叠	10/100BaseT	-40 to 85°C
			SS-73100-073	8	2x4	No	堆叠	10/100BaseT	-40 to 85°C
			SS-74500-028	12	2x6	Yes	堆叠	10/100BaseT	-40 to 85°C
			SS73100-046F	12	2x6	No	堆叠	10/100BaseT	-40 to 85°C
			SS-74500-022	16	2x8	Yes	堆叠	10/100BaseT	-40 to 85°C
			SS73100-047F	16	2x8	No	堆叠	10/100BaseT	-40 to 85°C

10/100 PHYs (持续)

IC Series	产品编号					LEDs	取向	应用	工作温度
	Bel Magnetic 解决方案	端口数	Stewart 连接器	端口数	端口配置				
BCM59101	S558-5500-25-F	1	SS-7488SC5-GG-PG4-BA	1	1x1	Yes	选项卡向下	10/100BaseT PoE	0 to 70°C
			SS-700810S-A-PG4-BA	1	1x1	No	选项卡向下	10/100BaseT PoE	0 to 70°C
			SS-74301-001	1	1x1	Yes	垂直	10/100BaseT PoE	0 to 70°C
			SS-7188VS-A-NF-50	1	1x1	No	垂直	10/100BaseT PoE	0 to 70°C
			SS-748802SC5-YG-PG4-BZ	2	1x2	Yes	选项卡向下	10/100BaseT PoE	0 to 70°C
			SS71800-035F	2	1x2	No	选项卡向下	10/100BaseT PoE	0 to 70°C
			SS-748804SC5-YG-PG4-BZ	4	1x4	Yes	选项卡向下	10/100BaseT PoE	0 to 70°C
			SS71800-041F	4	1x4	No	选项卡向下	10/100BaseT PoE	0 to 70°C
			SS-74500-029	2	2x1	Yes	堆叠	10/100BaseT PoE	0 to 70°C
			SS-73100-082	2	2x1	No	堆叠	10/100BaseT PoE	0 to 70°C
			SS-74500-020	4	2x2	Yes	堆叠	10/100BaseT PoE	0 to 70°C
			SS-7388H22S-PG4-AC-50	4	2x2	No	堆叠	10/100BaseT PoE	0 to 70°C
			SS-74500-024	8	2x4	Yes	堆叠	10/100BaseT PoE	0 to 70°C
			SS-73100-073	8	2x4	No	堆叠	10/100BaseT PoE	0 to 70°C
			SS-74500-028	12	2x6	Yes	堆叠	10/100BaseT PoE	0 to 70°C
			SS73100-046F	12	2x6	No	堆叠	10/100BaseT PoE	0 to 70°C
			SS-74500-022	16	2x8	Yes	堆叠	10/100BaseT PoE	0 to 70°C
			SS73100-047F	16	2x8	No	堆叠	10/100BaseT PoE	0 to 70°C
BCM59103	S558-5500-67	1	SS-7488SC5-GG-PG4-BA	1	1x1	Yes	选项卡向下	10/100BaseT PoE+	-40 to 85°C
			SS-700810S-A-PG4-BA	1	1x1	No	选项卡向下	10/100BaseT PoE+	-40 to 85°C
			SS-74301-001	1	1x1	Yes	垂直	10/100BaseT PoE+	-40 to 85°C
			SS-7188VS-A-NF-50	1	1x1	No	垂直	10/100BaseT PoE+	-40 to 85°C
			SS-748802SC5-YG-PG4-BZ	2	1x2	Yes	选项卡向下	10/100BaseT PoE+	-40 to 85°C
			SS71800-035F	2	1x2	No	选项卡向下	10/100BaseT PoE+	-40 to 85°C
			SS-748804SC5-YG-PG4-BZ	4	1x4	Yes	选项卡向下	10/100BaseT PoE+	-40 to 85°C
			SS71800-041F	4	1x4	No	选项卡向下	10/100BaseT PoE+	-40 to 85°C
			SS-74500-029	2	2x1	Yes	堆叠	10/100BaseT PoE+	-40 to 85°C
			SS-73100-082	2	2x1	No	堆叠	10/100BaseT PoE+	-40 to 85°C
			SS-74500-020	4	2x2	Yes	堆叠	10/100BaseT PoE+	-40 to 85°C
			SS-7388H22S-PG4-AC-50	4	2x2	No	堆叠	10/100BaseT PoE+	-40 to 85°C
			SS-74500-024	8	2x4	Yes	堆叠	10/100BaseT PoE+	-40 to 85°C
			SS-73100-073	8	2x4	No	堆叠	10/100BaseT PoE+	-40 to 85°C
			SS-74500-028	12	2x6	Yes	堆叠	10/100BaseT PoE+	-40 to 85°C
			SS73100-046F	12	2x6	No	堆叠	10/100BaseT PoE+	-40 to 85°C
			SS-74500-022	16	2x8	Yes	堆叠	10/100BaseT PoE+	-40 to 85°C
			SS73100-047F	16	2x8	No	堆叠	10/100BaseT PoE+	-40 to 85°C

10/100/1000 PHYs(持续)

IC 系列	产品编号				端口配置	LEDs	取向	应用	工作温度
	Bel Magnetic 解决方案	端口数	Stewart 连接器	端口数					
BCM5461 BCM54610 BCM54616S BCM5481 BCM5703 BCM5703S BCM5751	S558-5999-AB-F	1	SS-7488SC5-GG-PG4-BA	1	1x1	Yes	选项卡向下	1000BaseT	-40 to 85°C
			SS-700810S-A-PG4-BA	1	1x1	No	选项卡向下	1000BaseT	-40 to 85°C
			SS-74301-001	1	1x1	Yes	垂直	1000BaseT	-40 to 85°C
			SS-7188VS-A-NF-50	1	1x1	No	垂直	1000BaseT	-40 to 85°C
BCM5703S	S558-5999-M8-F S558-5999-T4-F	1	SS-7488SC5-GG-PG4-BA	1	1x1	Yes	选项卡向下	1000BaseT	0 to 70°C
			SS-7188S-A-PG4-BA-50	1	1x1	No	选项卡向下	1000BaseT	0 to 70°C
			SS-74301-001	1	1x1	Yes	垂直	1000BaseT	0 to 70°C
			SS-7188VS-A-NF-50	1	1x1	No	垂直	1000BaseT	0 to 70°C
BCM5705	S558-5999-T3-F	1	SS-7488SC5-GG-PG4-BA	1	1x1	Yes	选项卡向下	1000BaseT	0 to 70°C
			SS-7188S-A-PG4-BA-50	1	1x1	No	选项卡向下	1000BaseT	0 to 70°C
			SS-74301-001	1	1x1	Yes	垂直	1000BaseT	0 to 70°C
			SS-7188VS-A-NF-50	1	1x1	No	垂直	1000BaseT	0 to 70°C
BCM5721	S558-5500-68 S558-5500-76	1	SS-7488SC5-GG-PG4-BA	1	1x1	Yes	选项卡向下	1000BaseT PoE+	-40 to 85°C
			SS-7188S-A-PG4-BA-50	1	1x1	No	选项卡向下	1000BaseT PoE+	-40 to 85°C
			SS-74301-001	1	1x1	Yes	垂直	1000BaseT PoE+	-40 to 85°C
			SS-7188VS-A-NF-50	1	1x1	No	垂直	1000BaseT PoE+	-40 to 85°C

10/100/1000 PHYs

IC Series	产品编号				端口配置	LEDs	取向	应用	工作温度
	Bel Magnetic 解决方案	端口数	Stewart 连接器	端口数					
BCM54685 BCM54680 BCM54684 BCM5482 BCM5482S BCM5464 BCM54981 BCM54980 BCM5488S	S558-5999-BQ-F	2	SS-7488SC5-GG-PG4-BA	1	1x1	Yes	选项卡向下	1000BaseT	-40 to 85°C
			SS-7188S-A-PG4-BA-50	1	1x1	No	选项卡向下	1000BaseT	-40 to 85°C
			SS-74301-001	1	1x1	Yes	垂直	1000BaseT	-40 to 85°C
			SS-7188VS-A-NF-50	1	1x1	No	垂直	1000BaseT	-40 to 85°C
			SS-748802SC5-YG-PG4-BZ	2	1x2	Yes	选项卡向下	1000BaseT	-40 to 85°C
			SS71800-035F	2	1x2	No	选项卡向下	1000BaseT	-40 to 85°C
			SS-748804SC5-YG-PG4-BZ	4	1x4	Yes	选项卡向下	1000BaseT	-40 to 85°C
			SS71800-041F	4	1x4	No	选项卡向下	1000BaseT	-40 to 85°C
			SS-74500-029	2	2x1	Yes	堆叠	1000BaseT	-40 to 85°C
			SS-73100-082	2	2x1	No	堆叠	1000BaseT	-40 to 85°C
			SS-74500-020	4	2x2	Yes	堆叠	1000BaseT	-40 to 85°C
			SS-7388H22S-PG4-AC-50	4	2x2	No	堆叠	1000BaseT	-40 to 85°C
			SS-74500-024	8	2x4	Yes	堆叠	1000BaseT	-40 to 85°C
			SS-73100-073	8	2x4	No	堆叠	1000BaseT	-40 to 85°C
			SS-74500-028	12	2x6	Yes	堆叠	1000BaseT	-40 to 85°C
			SS73100-046F	12	2x6	No	堆叠	1000BaseT	-40 to 85°C

10/100/1000 PHYs (continued)

IC Series	产品编号				端口配置	LEDs	取向	应用	工作温度
	Bel Magnetic 解决方案	端口数	Stewart 连接器	端口数					
BCM54685 BCM54680 BCM54684 BCM5482 BCM5482S BCM5464 BCM54981 BCM54980 BCM5488S	S558-5999-CJ	2	SS-7488SC5-GG-PG4-BA	1	1x1	Yes	选项卡向下	1000BaseT	0 to 70°C
			SS-7188S-A-PG4-BA-50	1	1x1	No	选项卡向下	1000BaseT	0 to 70°C
			SS-74301-001	1	1x1	Yes	垂直	1000BaseT	0 to 70°C
			SS-7188VS-A-NF-50	1	1x1	No	垂直	1000BaseT	0 to 70°C
			SS-748802SC5-YG-PG4-BZ	2	1x2	Yes	选项卡向下	1000BaseT	0 to 70°C
			SS71800-035F	2	1x2	No	选项卡向下	1000BaseT	0 to 70°C
			SS-748804SC5-YG-PG4-BZ	4	1x4	Yes	选项卡向下	1000BaseT	0 to 70°C
			SS71800-041F	4	1x4	No	选项卡向下	1000BaseT	0 to 70°C
			SS-74500-029	2	2x1	Yes	堆叠	1000BaseT	0 to 70°C
			SS-73100-082	2	2x1	No	堆叠	1000BaseT	0 to 70°C
			SS-74500-020	4	2x2	Yes	堆叠	1000BaseT	0 to 70°C
			SS-7388H22S-PG4-AC-50	4	2x2	No	堆叠	1000BaseT	0 to 70°C
			SS-74500-024	8	2x4	Yes	堆叠	1000BaseT	0 to 70°C
			SS-73100-073	8	2x4	No	堆叠	1000BaseT	0 to 70°C
			SS-74500-028	12	2x6	Yes	堆叠	1000BaseT	0 to 70°C
			SS73100-046F	12	2x6	No	堆叠	1000BaseT	0 to 70°C
BCM5704	S558-5999-P3-F	1	SS-7488SC5-GG-PG4-BA	1	1x1	Yes	选项卡向下	1000BaseT	0 to 70°C
			SS-7188S-A-PG4-BA-50	1	1x1	No	选项卡向下	1000BaseT	0 to 70°C
			SS-74301-001	1	1x1	Yes	垂直	1000BaseT	0 to 70°C
			SS-7188VS-A-NF-50	1	1x1	No	垂直	1000BaseT	0 to 70°C
			SS-748802SC5-YG-PG4-BZ	2	1x2	Yes	选项卡向下	1000BaseT	0 to 70°C
			SS71800-035F	2	1x2	No	选项卡向下	1000BaseT	0 to 70°C
			SS-748804SC5-YG-PG4-BZ	4	1x4	Yes	选项卡向下	1000BaseT	0 to 70°C
			SS71800-041F	4	1x4	No	选项卡向下	1000BaseT	0 to 70°C
			SS-74500-029	2	2x1	Yes	堆叠	1000BaseT	0 to 70°C
			SS-73100-082	2	2x1	No	堆叠	1000BaseT	0 to 70°C
			SS-74500-020	4	2x2	Yes	堆叠	1000BaseT	0 to 70°C
			SS-7388H22S-PG4-AC-50	4	2x2	No	堆叠	1000BaseT	0 to 70°C
			SS-74500-024	8	2x4	Yes	堆叠	1000BaseT	0 to 70°C
			SS-73100-073	8	2x4	No	堆叠	1000BaseT	0 to 70°C
			SS-74500-028	12	2x6	Yes	堆叠	1000BaseT	0 to 70°C
			SS73100-046F	12	2x6	No	堆叠	1000BaseT	0 to 70°C





关于BEL

Bel 成立于 1949 年，设计、制造和销售各种为电子电路供电、保护和连接的产品。

在电子行业超过65年的时间里，Belhas可靠地展示了在多个行业的各种产品领域取得成功的能力。该公司在与市场领导者的工程团队合作的技术创新方面有着良好的记录。

Bel 通过为新产品开发的挑战开发具有成本效益的解决方案，一直被证明是其所选行业中最重要公司的宝贵供应商。通过将我们在产品设计方面的优势与我们自己专门设计的制造设施相结合，Bel 已成为全球范围内强大的竞争对手。



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