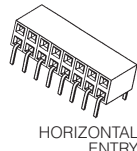
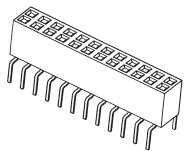
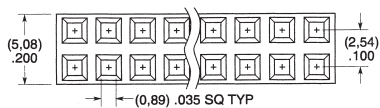


SAMTEC SERIES BBS AND BBD INTERCONNECT STRIPS MATES WITH SS SERIES

FEATURES: Approach the reliability of a permanent connection with the flexibility of a separable connection. **SPECIFICATIONS:** Insulation material: Black glass filled polyester. Flammability rating: UL94V-O. Insulation resistance: 5000 MΩ min. Terminal material: Phosphor bronze or brass. Current rating: 1A. Terminal retention in body: 5lbs (22,25N) against barb. Operating Temperature: -65°C to +125°C.

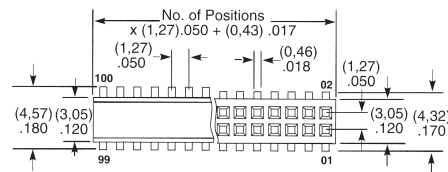
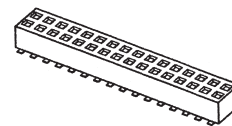
Cat. No.	No. of Contacts Per Row	Contact Plating	Dim. Z	Net Price
SINGLE ROW				
BBS-102-G-A	2	Gold	.210"	\$.39
BBS-104-G-A	4	Gold	.210"	.77
BBS-106-G-A	6	Gold	.210"	1.16
BBS-108-G-A	8	Gold	.210"	1.54
BBS-112-G-A	12	Gold	.210"	2.31
BBS-124-G-A	24	Gold	.210"	4.63
BBS-132-G-A	32	Gold	.210"	5.55
DOUBLE ROW				
BBD-102-G-A	2	Gold	.210"	.77
BBD-104-G-A	4	Gold	.210"	1.54
BBD-108-G-A	8	Gold	.210"	3.08
BBD-112-G-A	12	Gold	.210"	4.63
BBD-128-G-A	28	Gold	.210"	10.80
BBD-136-G-A	36	Gold	.210"	12.50



SAMTEC SERIES BCS LOW PROFILE BOX CONNECTOR STRIPS MATES WITH TSW AND TSM SERIES

FEATURES: Top entry and horizontal entry. **SPECIFICATIONS:** Insulation material: Black liquid crystal polymer. Contact material: Phosphor bronze. Current rating: 3A. Contact resistance: 10mΩ max. Insertion force: 5 oz (1.39N) avg. (.025" SQ pin.). Withdrawal force: 3 oz (0.83N) avg (.025" SQ pin.). Plating: 10μ" (0.25μm) gold on contact, 200μ" (5.08μm) tin on tail. Operating temperature: -65°C to +125°C.

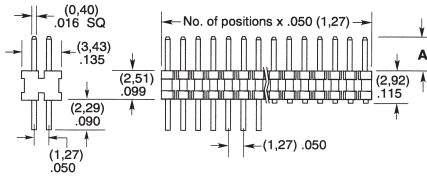
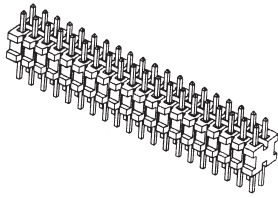
Cat. No.	No. of Contacts Per Row	Net Price
HORIZONTAL ENTRY, SINGLE ROW		
BCS-102-L-S-HE	2	\$.57
BCS-104-L-S-HE	4	.83
BCS-108-L-S-HE	8	1.24
BCS-112-L-S-HE	12	1.55
BCS-124-L-S-HE	24	3.10
BCS-136-L-S-HE	36	4.65
BCS-150-L-S-HE	50	5.16
HORIZONTAL ENTRY, DOUBLE ROW		
BCS-102-L-D-HE	2	.97
BCS-104-L-D-HE	4	1.41
BCS-108-L-D-HE	8	2.11
BCS-112-L-D-HE	12	2.64
BCS-124-L-D-HE	24	5.28
BCS-136-L-D-HE	36	7.92
BCS-150-L-D-HE	50	8.79
TOP ENTRY, SINGLE ROW		
BCS-102-L-S-TE	2	.51
BCS-104-L-S-TE	4	.74
BCS-108-L-S-TE	8	1.10
BCS-112-L-S-TE	12	1.38
BCS-124-L-S-TE	24	2.76
BCS-136-L-S-TE	36	4.14
BCS-150-L-S-TE	50	4.60
TOP ENTRY, DOUBLE ROW		
BCS-102-L-D-TE	2	.86
BCS-104-L-D-TE	4	1.25
BCS-108-L-D-TE	8	1.88
BCS-112-L-D-TE	12	2.35
BCS-124-L-D-TE	24	4.70
BCS-136-L-D-TE	36	7.05
BCS-150-L-D-TE	50	7.84



SAMTEC SERIES CLP .050" X .050" MICRO STRIPS MATES WITH FTSH SERIES

SPECIFICATIONS: Insulation material: Black liquid crystal polymer. Contact material: Phosphor bronze. Current rating: 1.75A @ 80°C ambient. Plating: 10μ" (0.25μm) gold on contact, 75μ" (1.91μm) tin on tail. Contact resistance: 10mΩ max. Insertion force: 3.08 oz (1.05N) average. Withdrawal force: 2 oz (0.56N) average. Mated with FTSH Series. Operating temperature: -65°C to +125°C.

Cat. No.	No. of Contacts Per Row	Net Price
DOUBLE ROW		
CLP-105-02-L-D	5	\$1.38
CLP-110-02-L-D	10	2.76
CLP-116-02-L-D	16	4.08
CLP-120-02-L-D	20	4.68
CLP-128-02-L-D	28	5.96
CLP-136-02-L-D	36	7.66
CLP-150-02-L-D	50	9.57



SAMTEC SERIES FTSH .050 × .050 MICRO STRIPS MATES WITH CLP SERIES

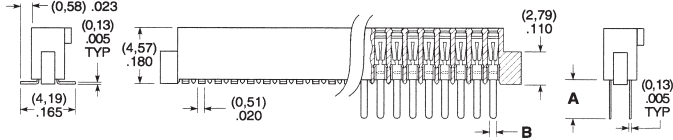
SPECIFICATIONS: Insulation material: Black liquid crystal polymer. Contact material: Phosphor bronze. Current rating: 1.75A @ 80°C ambient. Plating: 10μ (0.25μm) gold on contact, 75μ (1.91μm) tin on tail. SMT lead coplanarity: .006 (0,15mm) max. Mated with CLP Series. Operating temperature: -65°C to +125°C.

Cat. No.	No. of Contacts Per Row	Dim. Inches (mm)	Net Price
DOUBLE ROW, THROUGH HOLE			
FTSH-105-03-L-D	5	.065 (1.65)	\$1.03
FTSH-110-03-L-D	10	.065 (1.65)	2.06
FTSH-116-03-L-D	16	.065 (1.65)	3.05
FTSH-120-03-L-D	20	.065 (1.65)	3.49
FTSH-128-03-L-D	28	.065 (1.65)	4.44
FTSH-130-03-L-D	30	.065 (1.65)	4.76
FTSH-136-03-L-D	36	.065 (1.65)	4.07
FTSH-150-03-L-D	50	.065 (1.65)	7.14



THROUGH HOLE

SMT

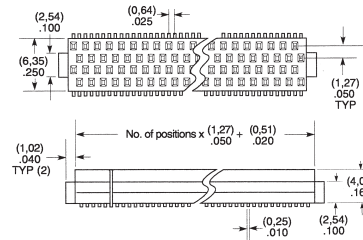
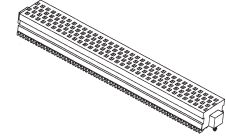
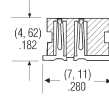


SAMTEC SERIES SFM .050 × .050 MICRO STRIPS MATES WITH TFM SERIES

SPECIFICATIONS: Insulation material: Black liquid crystal polymer. Contact material: BeCu. Current rating: 2A @ 80°C ambient. Plating: 30μ (0.76μm) gold on contact, 150μ (3.81μm) tin on tail. SMT lead coplanarity: .006 (0,15mm) max (30-50), .004 (0,10mm) max (05-25). Max cycles: 100 with 10μ (0,25μm) Au. Contact resistance: 15mΩ max. Mated with TFM. Operating temperature: -65°C to +125°C.

Cat. No.	No. of Contacts Per Row	Dim. Inches (mm)		Net Price
		A	B	
DOUBLE ROW, THROUGH HOLE				
SFM-105-01-S-D	5	(3,05) .120	(0,51) .020	\$1.74
SFM-110-01-S-D	10	(3,05) .120	(0,51) .020	3.49
SFM-115-01-S-D	15	(3,05) .120	(0,51) .020	4.42
SFM-120-01-S-D	20	(3,05) .120	(0,51) .020	5.90
SFM-125-01-S-D	25	(3,05) .120	(0,51) .020	7.38
SFM-130-01-S-D	30	(3,05) .120	(0,51) .020	8.85
SFM-135-01-S-D	35	(3,05) .120	(0,51) .020	9.39
SFM-140-01-S-D	40	(3,05) .120	(0,51) .020	10.73
SFM-145-01-S-D	45	(3,05) .120	(0,51) .020	12.07
SFM-150-01-S-D	50	(3,05) .120	(0,51) .020	13.41

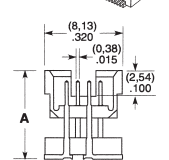
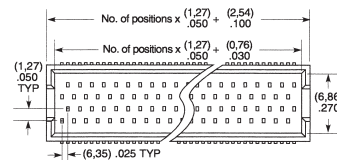
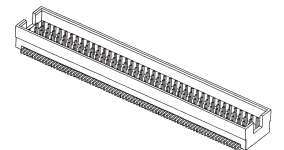
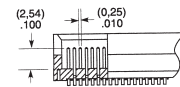
Cat. No.	No. of Contacts Per Row	Dim. Inches (mm)		Net Price
		A	B	
DOUBLE ROW, SURFACE MOUNT				
SFM-105-02-S-D	5	—	—	\$1.82
SFM-110-02-S-D	10	—	—	3.64
SFM-115-02-S-D	15	—	—	4.62
SFM-120-02-S-D	20	—	—	6.16
SFM-125-02-S-D	25	—	—	7.70
SFM-130-02-S-D	30	—	—	9.24
SFM-135-02-S-D	35	—	—	9.80
SFM-140-02-S-D	40	—	—	11.19
SFM-145-02-S-D	45	—	—	12.59
SFM-150-02-S-D	50	—	—	14.00



SAMTEC SERIES SOLC QUAD ROW SMT SOCKETS MATES WITH TOLC SERIES

SPECIFICATIONS: Insulation material: Black liquid crystal polymer. Contact material: Phosphor bronze. Current rating: 2.5A @ 80°C ambient. Plating: 10μ (0.25μm) gold on contact, gold flash on tail. SMT lead coplanarity: .006 (0,15mm) max. Contact resistance: 10 mΩ max. Insertion force: 2 oz (1,67N) average. Withdrawal force: 1.5 oz (1.39N). Max. cycles: 100+. Operating temperature: -65°C to +125°C.

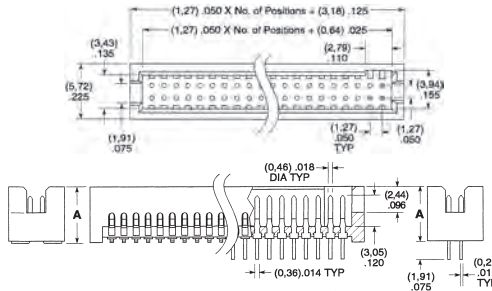
Cat. No.	No. of Contacts Per Row	Net Price
QUAD ROW		
SOLC-120-02-L-Q	20	\$14.08
SOLC-125-02-L-Q	25	17.60
SOLC-130-02-L-Q	30	21.12
SOLC-135-02-L-Q	35	22.40
SOLC-140-02-L-Q	40	25.60
SOLC-145-02-L-Q	45	28.80
SOLC-150-02-L-Q	50	32.00



SAMTEC SERIES TOLC QUAD ROW SMT TERMINALS MATES WITH SOLC SERIES

SPECIFICATIONS: Insulation material: Black liquid crystal polymer. Contact material: Phosphor bronze. Current rating: 2.5A @ 80°C ambient. Plating: 10μ (0.25μm) gold on contact, gold flash on tail. SMT lead coplanarity: .006 (0,15mm) max. Operating temperature: -65°C to +125°C.

Cat. No.	No. of Contacts Per Row	Dimension A (mm)	Mating Height (mm)	Net Price
QUAD ROW				
TOLC-120-02-L-Q	02	5.59	6.35	\$11.23
TOLC-125-02-L-Q	25	5.59	6.35	14.04
TOLC-130-02-L-Q	30	5.59	6.35	16.85
TOLC-135-02-L-Q	35	5.59	6.35	17.27
TOLC-140-02-L-Q	40	5.59	6.35	20.42
TOLC-145-02-L-Q	45	5.59	6.35	23.26
TOLC-150-02-L-Q	50	5.59	6.35	25.53



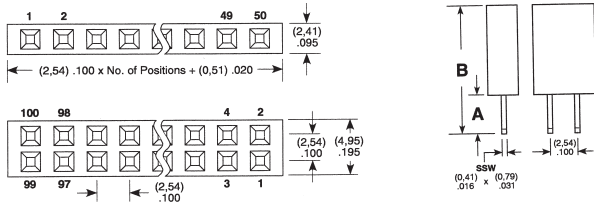
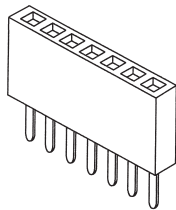
SAMTEC SERIES TFM .050" X .050" MICRO STRIPS MATES WITH SFM SERIES

SPECIFICATIONS: Insulation material: Black liquid crystal polymer. Contact material: Phosphor bronze. Current rating: 2A @ 80°C ambient. Plating: 30μ" (0.76μm) gold on contact, 150μ" (3.81μm) tin on tail. SMT lead coplanarity: .006" (0.15mm) max (30-50), .004" (0.10mm) max (05-25). Mated with SFM. Operating temperature: -65°C to +125°C.

Cat. No.	No. of Contacts Per Row	Dim. Inches (mm) A	Net Price
DOUBLE ROW, THROUGH HOLE			
TFM-105-01-S-D	5	.220 (5.59)	\$1.36
TFM-110-01-S-D	10	.220 (5.59)	2.73
TFM-115-01-S-D	15	.220 (5.59)	3.46
TFM-120-01-S-D	20	.220 (5.59)	4.62
TFM-125-01-S-D	25	.220 (5.59)	5.77
TFM-130-01-S-D	30	.220 (5.59)	6.93
TFM-135-01-S-D	35	.220 (5.59)	7.35
TFM-140-01-S-D	40	.220 (5.59)	8.40
TFM-145-01-S-D	45	.220 (5.59)	9.45
TFM-150-01-S-D	50	.220 (5.59)	10.50

Cat. No.	No. of Contacts Per Row	Dim. Inches (mm) A	Net Price
DOUBLE ROW, SURFACE MOUNT			
TFM-105-02-S-D	5	.225 (5.72)	\$1.50
TFM-110-02-S-D	10	.225 (5.72)	3.00
TFM-115-02-S-D	15	.225 (5.72)	3.81
TFM-120-02-S-D	20	.225 (5.72)	5.08
TFM-125-02-S-D	25	.225 (5.72)	6.35
TFM-130-02-S-D	30	.225 (5.72)	7.62
TFM-135-02-S-D	35	.225 (5.72)	8.08
TFM-140-02-S-D	40	.225 (5.72)	9.24
TFM-145-02-S-D	45	.225 (5.72)	10.39
TFM-150-02-S-D	50	.225 (5.72)	11.55

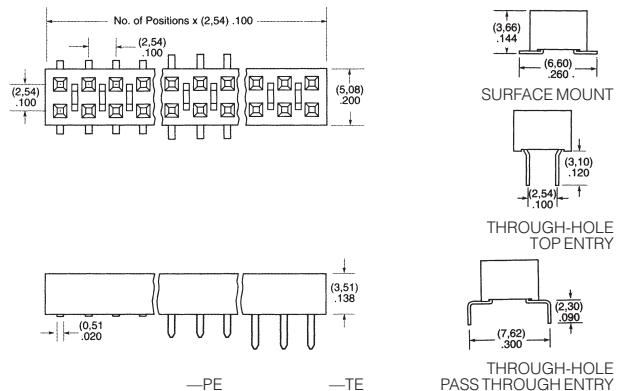
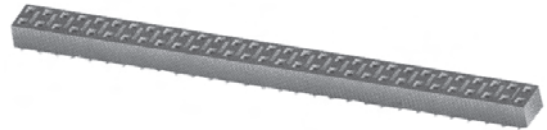
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SAMTEC SERIES SSW .025" SQ SOCKET STRIPS MATES WITH TSW AND TSM SERIES

SPECIFICATIONS: Insulation material: Black liquid crystal polymer. Contact material: Phosphor bronze. Current rating: 3A continuous. Max cycles: 100 with 10μ" (0.25μm) Au. Contact resistance: 10mΩ max. Operating temperature: -65°C to +105°C with tin; -65°C + 125°C with gold.

Cat. No.	No. of Contacts Per Row	Dim. Inches (mm)		Net Price
		A	B	
DOUBLE ROW, GOLD ON CONTACT, GOLD FLASH ON TAIL				
SSW-102-01-G-D	2	.100 (2.54)	.435 (11.05)	\$6.61
SSW-104-01-G-D	4	.100 (2.54)	.435 (11.05)	.95
SSW-106-01-G-D	6	.100 (2.54)	.435 (11.05)	1.02
SSW-108-01-G-D	8	.100 (2.54)	.435 (11.05)	1.36
SSW-112-01-G-D	12	.100 (2.54)	.435 (11.05)	2.03
SSW-124-01-G-D	24	.100 (2.54)	.435 (11.05)	4.07
SSW-136-01-G-D	36	.100 (2.54)	.435 (11.05)	6.11
SSW-150-01-G-D	50	.100 (2.54)	.435 (11.05)	6.79
SINGLE ROW, GOLD ON CONTACT, GOLD FLASH ON TAIL				
SSW-102-01-G-S	2	.100 (2.54)	.435 (11.05)	.36
SSW-104-01-G-S	4	.100 (2.54)	.435 (11.05)	.56
SSW-106-01-G-S	6	.100 (2.54)	.435 (11.05)	.60
SSW-108-01-G-S	8	.100 (2.54)	.435 (11.05)	.80
SSW-112-01-G-S	12	.100 (2.54)	.435 (11.05)	1.19
SSW-124-01-G-S	24	.100 (2.54)	.435 (11.05)	2.39
SSW-136-01-G-S	36	.100 (2.54)	.435 (11.05)	3.59
SSW-150-01-G-S	50	.100 (2.54)	.435 (11.05)	3.98
DOUBLE ROW, TIN ON CONTACT AND TAIL				
SSW-102-01-T-D	2	.100 (2.54)	.435 (11.05)	.52
SSW-104-01-T-D	4	.100 (2.54)	.435 (11.05)	.81
SSW-106-01-T-D	6	.100 (2.54)	.435 (11.05)	.87
SSW-108-01-T-D	8	.100 (2.54)	.435 (11.05)	1.15
SSW-112-01-T-D	12	.100 (2.54)	.435 (11.05)	1.73
SSW-124-01-T-D	24	.100 (2.54)	.435 (11.05)	3.46
SSW-136-01-T-D	36	.100 (2.54)	.435 (11.05)	5.19
SSW-150-01-T-D	50	.100 (2.54)	.435 (11.05)	5.77
SINGLE ROW, TIN ON CONTACT AND TAIL				
SSW-102-01-T-S	2	.100 (2.54)	.435 (11.05)	.30
SSW-104-01-T-S	4	.100 (2.54)	.435 (11.05)	.47
SSW-106-01-T-S	6	.100 (2.54)	.435 (11.05)	.51
SSW-108-01-T-S	8	.100 (2.54)	.435 (11.05)	.68
SSW-112-01-T-S	12	.100 (2.54)	.435 (11.05)	1.02
SSW-124-01-T-S	24	.100 (2.54)	.435 (11.05)	2.03
SSW-136-01-T-S	36	.100 (2.54)	.435 (11.05)	3.05
SSW-150-01-T-S	50	.100 (2.54)	.435 (11.05)	3.39



SAMTEC SERIES HLE .025" SOCKETS MATES WITH TSW AND TSM SERIES

SPECIFICATIONS: Insulation material: Liquid crystal polymer. Contact material: BeCu. Plating: Au over 50μ" (1.27μm) Ni. SMT lead coplanarity: .004" (0.10mm) max (02-20), .006" (0.15mm) (21-50). Insertion depth: .070" (1.78mm) to .135" (3.43mm) pass-through or .102" (2.59mm) min. for bottom entry. Operating temperature: -65°C to +125°C.

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