



**THE DATASHEET OF
STMM-105-02-G-D-SM**



SHROUDED IDC HEADER & STACKER

(2.00 mm) .0787" PITCH • STMM/ZSTMM SERIES



STMM/ZSTMM

Mates:
TCSD (except -SR)

SPECIFICATIONS

Insulator Material:
Black Liquid Crystal Polymer
Terminal Material:
Phosphor Bronze
Plating:
Sn or Au over
50 μ" (1.27 μm) Ni
Operating Temp Range:
-55 °C to +105 °C with Tin;
-55 °C to +125 °C with Gold

PROCESSING

Lead-Free Solderable:
Yes
SMT Lead Coplanarity:
(0.10 mm) .004" max

STMM	1	NO. PINS PER ROW	02	PLATING OPTION	D	TAIL OPTION	OTHER OPTION
		04, 05, 06, 07, 08, 10, 12, 13, 14, 15, 17, 20, 22, 25 (Standard sizes)		-F = Gold flash on post, Matte Tin on tail -L = 10 μ" (0.25 μm) Gold on post, Matte Tin on tail -T = Matte Tin		Leave blank for Through-hole -RA = Right-angle -SM = Surface Mount	- "XX" = Polarized Position -LC = Locking Clip (-SM only) (Manual placement required) -K = (7.50 mm) .295" DIA Film Pick & Place Pad (-SM only) -TR = Tape & Reel (-SM only) -FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks) (-SM only)

Top view dimensions: (2.00) .0787 x No. of positions + (6.17) .243, (6.00) .237

Side view dimensions: (4.80) .190

Cross-sectional views: T/H, -SM, -RA

Lead style dimensions: (1.27) .050, (7.79) .307, (2.29) .090, (1.52) .060

ZSTMM	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	D	BODY HEIGHT	OTHER OPTION
		04, 05, 06, 07, 08, 10, 12, 13, 14, 15, 17, 20, 22, 25 (Standard sizes)	Specify LEAD STYLE from chart	-F = Gold flash on post, Matte Tin on tail -L = 10 μ" (0.25 μm) Gold on post, Matte Tin on tail -T = Matte Tin		- "XXX" = Body Height	- "XX" = Polarized Position

Top view dimensions: (2.00) .0787 x No. of positions + (6.17) .243, (6.00) .237

Side view dimensions: (4.80) .190

Cross-sectional views: BODY HEIGHT (6.35) .250 MIN, A (OAL)

Lead style dimensions: (2.29) .090 MIN

LEAD STYLE	A (OAL)	MAX BODY HEIGHT
-75	(9.58) 0.377	(7.42) 0.292
-62	(10.08) 0.397	(7.92) 0.312
-65	(10.49) 0.413	(8.33) 0.328
-73	(12.09) 0.476	(9.93) 0.391
-63	(14.10) 0.555	(11.94) 0.470
-66	(15.09) 0.594	(12.93) 0.509
-69	(15.60) 0.614	(13.44) 0.529
-74	(17.09) 0.673	(14.94) 0.588
-70	(17.60) 0.693	(15.44) 0.608
-71	(21.08) 0.830	(18.92) 0.745
-72	(21.62) 0.851	(19.46) 0.766

ALSO AVAILABLE

MOQ Required



Other sizes
Other platings

Notes:
For added mechanical stability, Samtec recommends mechanical board spacers be used in applications with gold or selective gold plated connectors. Contact ipg@samtec.com for more information.

This Series is non-standard, non-returnable.

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View STMM-105-02-G-D-SM on WIN SOURCE](#)
-  [Samtec Inc. Information](#)

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-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management