

TABLE 1
BODY SPECIFICATION
(SEE SHEET 4 THRU 7 FOR FIG.)
(* : CUT TO "A" DIM IN BODY DETAIL)

PART NUMBER	BODY	"A" ± ^{.015} _{.010} [^{.38} _{.25}]	FIG.
MHAX-XXX-XXXX-08	HSC-20*	.800 [20.32]	1 THRU 9
MHAX-XXX-XXXX-09	HSC-20*	.900 [22.86]	10 THRU 78
MHAX-XXX-XXXX-10	HSC-20*	1.000 [25.40]	79 THRU 121
MHAX-XXX-XXXX-11X	HSC-20*	1.100 [27.94]	122 THRU 254
MHAX-XXX-XXXX-12X	HSC-20*	1.200 [30.48]	255 THRU 305
MHAX-XXX-XXXX-13X	HSC-20*	1.300 [33.02]	306 THRU 422
MHAX-XXX-XXXX-14X	HSC-20*	1.400 [35.56]	435 THRU 507
MHAX-XXX-XXXX-15X	HSC-20*	1.500 [38.10]	512 THRU 580
MHAX-XXX-XXXX-16	HSC-20*	1.600 [40.64]	581 THRU 593
MHAX-XXX-XXXX-17X	HSC-20*	1.700 [43.18]	594 THRU 630
MHAX-XXX-XXXX-18	HSC-20*	1.800 [45.72]	631 THRU 643
MHAX-XXX-XXXX-19	HSC-20*	1.900 [48.26]	644 THRU 652
MHAX-XXX-XXXX-20	HSC-20	2.00±.002[50.80±.05]	653
PART NUMBER	BODY	"A" ± ^{.000} _{.005} [^{.00} _{.13}]	FIG.
MPAX-XXX-XXXX-08	PGAS-8-64	.800 [20.32]	1 THRU 9
MPAX-XXX-XXXX-09	PGAS-9-81	.900 [22.86]	10 THRU 78
MPAX-XXX-XXXX-10	PGAS-10-100	1.000 [25.40]	79 THRU 121
MPAX-064-XXXX-10	PGAS-10-64-C	1.000 [25.40]	111
MPAX-068-XXXX-10	PGAS-10-68-C	1.000 [25.40]	99
MPAX-XXX-XXXX-11X	PGAS-11-121	1.100 [27.94]	122 THRU 254
MPAX-068-XXXX-11	PGAS-11-68-C	1.100 [27.94]	226
MPAX-069-XXXX-11	PGAS-11-69-C	1.100 [27.94]	222
MPAX-072-XXXX-11B	PGAS-11-72-C	1.100 [27.94]	202
MPAX-073-XXXX-11A	PGAS-11-73-C	1.100 [27.94]	186
MPAX-084-XXXX-11C	PGAS-11-84-C	1.100 [27.94]	166
MPAX-XXX-XXXX-12X	PGAS-12-144	1.200 [30.48]	255 THRU 305
MPAX-XXX-XXXX-13X	PGAS-13-169	1.300 [33.02]	306 THRU 422
MPAX-120-XXXX-13B	PGAS-13-120-C	1.300 [33.02]	366
MPAX-121-XXXX-13B	PGAS-13-121-C	1.300 [33.02]	358
MPAX-132-XXXX-13A	PGAS-13-132-C	1.300 [33.02]	330
MPAX-XXX-XXXX-14X	PGAS-14-196	1.400 [35.56]	435 THRU 507
MPAX-132-XXXX-14	PGAS-14-132-C	1.400 [35.56]	489
MPAX-XXX-XXXX-15X	PGAS-15-225	1.500 [38.10]	512 THRU 580
MPAX-XXX-XXXX-16	PGAS-16-256	1.600 [40.64]	581 THRU 593
MPAX-XXX-XXXX-17X	PGAS-17-289	1.700 [43.18]	594 THRU 630
PART NUMBER	BODY	"A" ± ^{.000} _{.005} [^{.00} _{.13}]	FIG.
MVAX-056-XXXX-09	PGAS-9-56-0	.9000 [22.86]	46
MVAX-XXX-XXXX-10	PGAS-10-68-0	1.000 [25.40]	79 THRU 121
MVAX-064-XXXX-10	PGAS-10-64-0	1.000 [25.40]	111
MVAX-068-XXXX-10A	PGAS-10-68-0A	1.000 [25.40]	100
MVAX-XXX-XXXX-11X	PGAS-11-72-0	1.100 [27.94]	122 THRU 254
MVAX-044-XXXX-11A	PGAS-11-68-0	1.100 [27.94]	246
MVAX-064-XXXX-11	PGAS-11-68-0	1.100 [27.94]	242
MVXX-065-XXXX-11A	PGAS-11-68-0	1.100 [27.94]	234
MVXX-065-XXXX-11B	PGAS-11-68-0	1.100 [27.94]	238
MVAX-068-XXXX-11	PGAS-11-68-0	1.100 [27.94]	226
MVAX-069-XXXX-11	PGAS-11-69-0	1.100 [27.94]	222
MVAX-072-XXXX-11A	PGAS-11-73-0	1.100 [27.94]	198
MVAX-073-XXXX-11A	PGAS-11-73-0	1.100 [27.94]	186
MVAX-083-XXXX-11	PGAS-11-84-0	1.100 [27.94]	170
MVAX-084-XXXX-11C	PGAS-11-84-0	1.100 [27.94]	166
MVAX-108-XXXX-12	PGAS-12-108-0	1.200 [30.48]	273
MVAX-120-XXXX-12	PGAS-12-120-0	1.200 [30.48]	261
MVAX-XXX-XXXX-13X	PGAS-13-120-0	1.300 [33.02]	306 THRU 422
MVAX-088-XXXX-13A	PGAS-13-88-0	1.300 [33.02]	403
MVAX-121-XXXX-13A	PGAS-13-121-0A	1.300 [33.02]	354
MVAX-121-XXXX-13B	PGAS-13-121-0	1.300 [33.02]	358
MVAX-121-XXXX-13C	PGAS-13-121-0C	1.300 [33.02]	360
MVAX-132-XXXX-13A	PGAS-13-132-0	1.300 [33.02]	330

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DIMENSIONS ARE IN INCHES		UNLESS OTHERWISE NOTED		TOLERANCES ARE:		TITLE: PIN GRID ARRAY	DWG NO: MXAX-XXX-XXXX-XX-X SHEET 1 OF 8
ONE PLACE DECIMALS: ±		THREE PLACE DECIMALS: ±		ANGLES			
TWO PLACE DECIMALS: ±		FOUR PLACE DECIMALS: ±		±			

MXAX-XXX-XXXX-XX-X

BODY SPECIFICATION
MHA: LOW PROFILE, HIGH-TEMP
MPA: STANDARD, CLOSED CENTER
MVA: STANDARD, OPEN CENTER
(SEE TABLE 1)

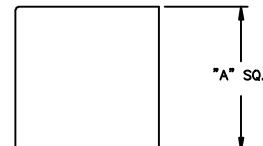
CONTACT SPECIFICATION
-S: SOCKET (SEE TABLE 2, SHEET 2)
-T: TERMINAL (SEE TABLE 3, SHEET 3)

LEAD QUANTITY SPECIFICATION
-016 THROUGH -400 AVAILABLE

LEAD SPECIFICATION
(SEE TABLE 2 & 3)

OPTION (MXAS ONLY)
-L: LOCKING LEAD, USE EZ-1L1-GT
(AVAILABLE W/ LEAD STYLE -ZS ONLY
SEE PLATING SPECS & BODY DETAIL)
-2: ON STYLE -ZW USE EZ-1W1-XX-2
-3: ON STYLE -ZW USE EZ-1W1-XX-3

GRID SIZE SPECIFICATION
-08 THROUGH -20 AVAILABLE:
(EXAMPLE: -08= 8 X 8 POSITION GRID)



BODY DETAIL
-L OPTION: LOCATE EZ-1L1-GT
IN 4 OUTER CORNERS OF BODY
IN THE SAME ROW

TABLE 1
BODY SPECIFICATION (CONT.)
(SEE SHEET 4 THRU 7 FOR FIG.)

PART NUMBER	BODY	"A" ± ^{.000} _{.005} [^{.00} _{.13}]	FIG.
MVAX-XXX-XXXX-14	PGAS-14-132-0	1.400 [35.56]	435 - 507
MVAX-096-XXXX-14	PGAS-14-96-0	1.400 [35.56]	503
MVAX-133-XXXX-14	PGAS-14-133-0	1.400 [35.56]	485
MVAX-135-XXXX-14	PGAS-14-135-0	1.400 [35.56]	481
MVAX-100-XXXX-15	PGAS-15-100-0	1.500 [38.10]	580
MVAX-142-XXXX-15	PGAS-15-142-0	1.500 [38.10]	573
MVAX-144-XXXX-15	PGAS-15-144-0	1.500 [38.10]	568
MVAX-149-XXXX-15C	PGAS-15-149-0	1.500 [38.10]	557
MVAX-176-XXXX-15	PGAS-15-176-0	1.500 [38.10]	541
MVAX-179-XXXX-15	PGAS-15-179-0	1.700 [43.18]	540
MVAX-112-XXXX-16	PGAS-16-112-0	1.600 [40.64]	591
MVAX-155-XXXX-16	PGAS-16-155-0	1.600 [40.64]	590
MVAX-XXX-XXXX-17	PGAS-17-168-0	1.700 [43.18]	594-630
MVAX-145-XXXX-17	PGAS-17-145-0	1.700 [43.18]	622
MVAX-144-XXXX-17	PGAS-17-145-0	1.700 [43.18]	626
MVAX-168-XXXX-17A	SOGA-17-168-0A	1.700 [43.18]	619
MVAX-169-XXXX-17	PGAS-17-169-0	1.700 [43.18]	617
MVAX-169-XXXX-17A	PGAS-17-169-0A	1.700 [43.18]	616
MVAX-169-XXXX-17B	SOGA-17-169-0B	1.700 [43.18]	616
MVAX-169-XXXX-17C	SOGA-17-169-0	1.700 [43.18]	617
MVAX-209-XXXX-17	PGAS-17-209-0	1.700 [43.18]	615

EXSPROD/ASSEMBLY/PGA
MXASAM1

samtec

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MXAX-XXX-XXXX-XX-X
SHEET 1 OF 8