



THE DATASHEET OF
90863-110



4

2

1

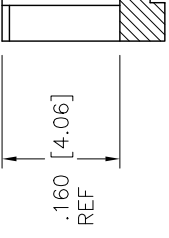
SIZE	DIM H	DIM J	DIM K	DIM L
2X5	.275/6.99	.200/5.08	.372/9.45	.320/8.13
2X10	.525/13.34	.450/11.43	.622/15.80	.570/14.48
2X15	.775/19.68	.700/17.78	.872/22.15	.820/20.83
2X20	1.025/26.03	.950/24.13	1.122/28.50	1.070/27.18
2X25	1.275/32.38	1.200/30.48	1.372/34.85	1.320/33.53
2X30	1.525/38.74	1.450/36.83	1.622/41.20	1.570/39.88
2X35	1.775/45.08	1.700/43.18	1.872/47.55	1.820/46.23
2X40	2.025/51.43	1.950/49.53	2.122/53.90	2.070/52.58
2X45	2.275/57.78	2.200/55.88	2.372/60.25	2.320/58.93
2X50	2.525/64.14	2.450/62.23	2.622/66.60	2.570/65.28

A

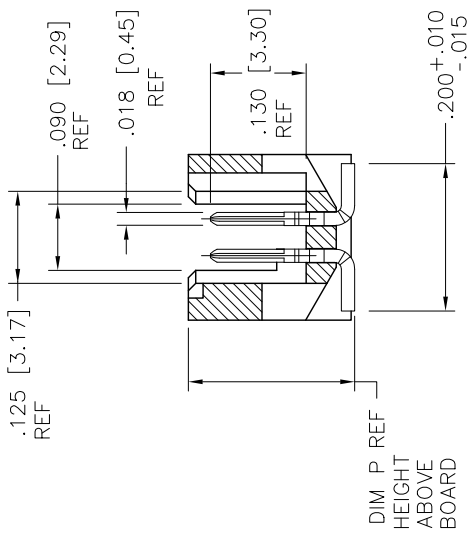
B

C

D



.050 [1.27] -
REF



SECTION X-X
ROTATED 90° CW

SECT

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matl. code		—		surface		ISO 1302 ✓	
ltr	ecn	no	dr	date	tolerances unless		
AG					angles	lineal	
					±2°		
					dr	M. CORN	
					engr	D. WHIT	
					chr	D. WHIT	
					appd	D. WHIT	
sheet	revision						
index	sheet						

form: A3

1

2

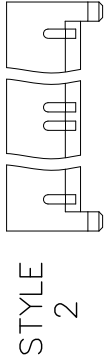
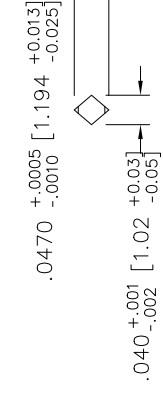
3

4
PDS: Rev

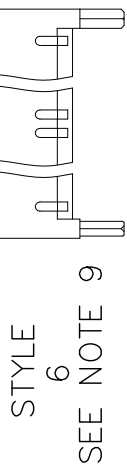
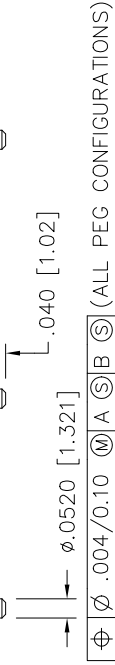
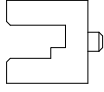
LOCATOR/HOLDDOWN VARIATIONS



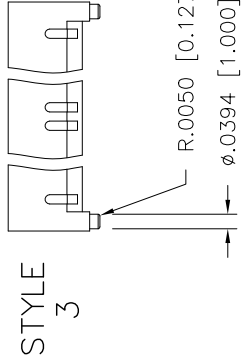
STYLE 1



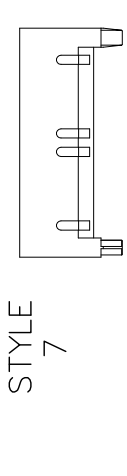
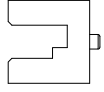
STYLE 2



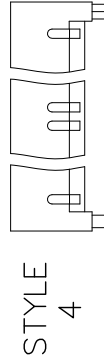
STYLE 2
SEE NOTE 9



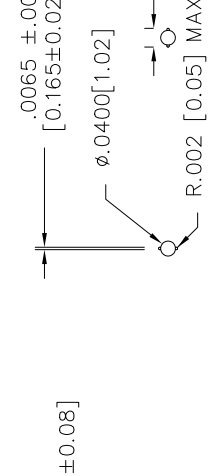
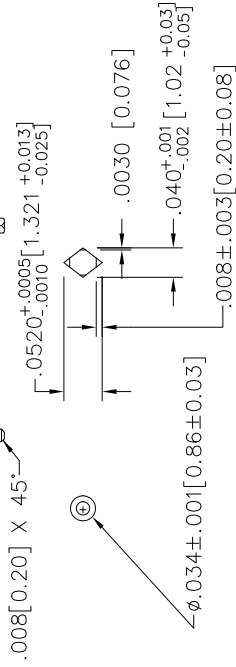
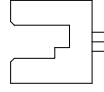
STYLE 3



STYLE 3



STYLE 4



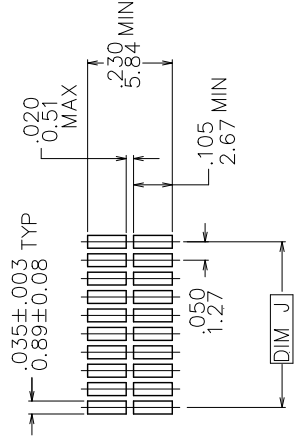
STYLE 4

mat'l. code		surface	
itr	ecr no	dr	date
AG			
		tolerances unless	ISO 1302
		angles	lineal
		±2°	
		dr	M. CORN
		engr	D. WHIT
		chr	D. WHIT
		appd	D. WHIT
sheet	revision		
index	sheet		

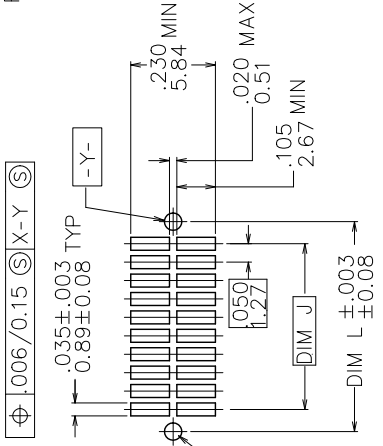
RECOMMENDED PCB MOUNTING PAD PATTERN

STYLE 4

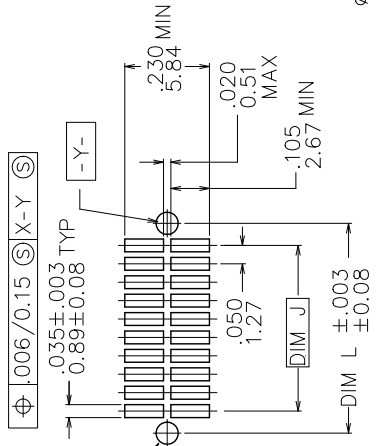
STYLE 1



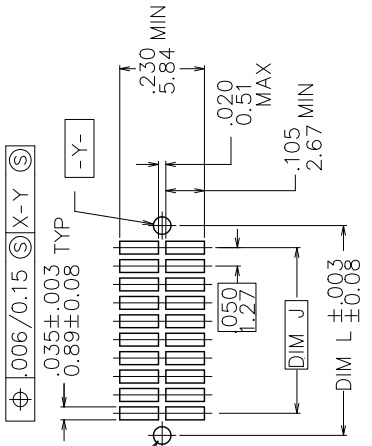
STYLE 5



STYLE 2



STYLE 3



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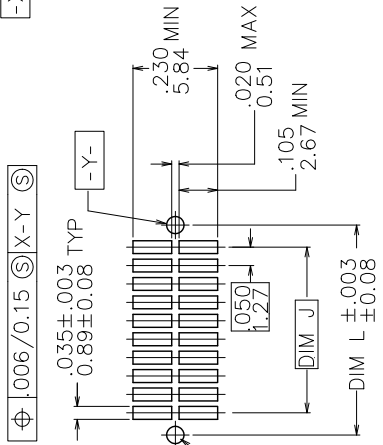
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Ø .038±.003
0.97±0.08
FOR LOCATING FEATURES
-Y-

Ø .0510
1.295
2X
FOR LOCATING FEATURES
-X-

STYLE 7



Ø .047±.002
1.19±0.05
2X
FOR LOCATING FEATURES
-X-

Ø .0477
1.212
2X
FOR LOCATING FEATURES
-X-

3

2

1

form: A3

mat'l. code		ISO 1502	
itr	ecr no	date	tolerances unless
AG			linear
			angles
			±2°
			dr
			M. CORN
			engr
			D. WHIT
			chr
			D. WHIT
			appd
			D. WHIT
sheet	revision		
index	sheet		

4 PDS: Rev

PRODUCT NUMBER NOTE 1,4A & 4B	DIM P HEIGHT ABOVE BOARD (REF.)	HOLDDOWN STYLE
72428-1XX	.244/6.20	1
73546-1XX	.364/9.25	1
73547-1XX	.364/9.25	2
73548-1XX	.364/9.25	4
84700-1XX	.226/5.74	7
84701-1XX	.298/7.57	7
84734-1XX	.364/9.25	7
87401-1XX	.226/5.74	6
87409-1XX	.226/5.74	2
87849-1XX	.226/5.74	1
88566-1XX	.260/6.60	2
90098-1XX	.298/7.57	2
90863-1XX	.226/5.74	1
91036-1XX	.364/9.25	5
91423-1XX	.226/5.74	2
91855-1XX	.226/5.74	5
92099-1XX	.226/5.74	4
92442-1XX	.298/7.57	4
93206-1XX	.226/5.74	3
93221-1XX	.298/7.57	1
93289-1XX	.298/7.57	5

TABLE A

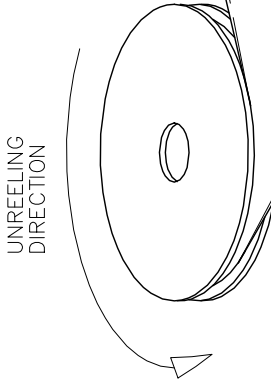
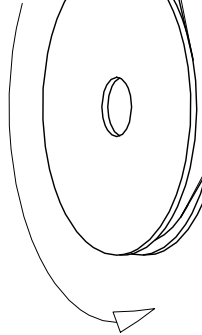
CUSTOMER SPECIAL



mat'l. code		—		surface	
ltr	ecn no	dr	date	ISO 1302 ✓	
AG				tolerances unless	
				angles	lineal
				±2"	
		dr		M. CORN	
		enfr		D. WHIT	
		chr		D. WHIT	
		appd		D. WHIT	
sheet	revision				
index	sheet				

PRODUCT NUMBER NOTE 11,4C	QTY. REEL	TAPE WIDTH PITCH MM	CONNECTOR ORIENTATION IN TAPE POCKET
72428-120TR	500	44/12	VIEW 1
73546-105TR		24/12	
73546-110TR		32/12	
73546-115TR		44/12	
73546-120TR		44/12	
73546-125TR		56/12	
73546-130TR		56/12	
73546-135TR		72/12	
73546-140TR		72/12	
73546-145TR		72/12	
73546-150TR		88/12	
73547-105TR		24/12	
73547-110TR		32/12	
73547-115TR		44/12	
73547-120TR		44/12	
73547-125TR		56/12	
73547-130TR		56/12	
73547-135TR		72/12	
73547-140TR		72/12	
73547-145TR		72/12	
73547-150TR	500	88/12	
84700-105TR	400	24/12	
84700-135TR	500	72/12	
87409-105TR		24/12	
87409-110TR		24/12	
87409-115TR		44/12	
87409-120TR		44/12	
87409-125TR		56/12	
87409-130TR	500	56/12	VIEW 1

TABLE C



REFERENCE ONLY :
TAPE WIDTH 32mm AND ABOVE
BELOW 32mm HAS TOP FEEL

OBSOLETE

OBSOLETE

OBSOLETE

mat'l. code	surface		ISO 1302	✓
ltr	ecn	no	dr	date
AG				
		angles	linear	
		±2°		
		dr	M. CORN	
		engr	D. WHIT	
		chr	D. WHIT	
		appd	D. WHIT	
sheet	revision			
index	sheet			

PRODUCT NUMBER NOTE 11,4C	QTY. REEL	TAPE WIDTH PITCH MM	CONNECTOR ORIENTATION IN TAPE POCKET
87409-135TR	500	72/12	VIEW 1
87409-140TR		72/12	
87409-145TR		72/12	
87409-150TR		88/12	
87849-105TR		24/12	
87849-110TR		24/12	
87849-115TR		44/12	
87849-120TR		44/12	
87849-125TR		56/12	
87849-130TR		56/12	
87849-135TR		72/12	
87849-140TR		72/12	
87849-145TR		72/12	
87849-150TR		88/12	
88566-110TR		24/12	
88566-115TR		44/12	
88566-130TR	500	56/12	
90098-105TR	400	24/12	
90098-110TR	400	32/12	
90098-115TR	500	44/12	
90098-120TR	500	44/12	
90098-125TR	400	56/12	
90098-130TR	500	56/12	
90098-135TR		72/12	
90098-140TR		72/12	
90098-145TR		72/12	
90098-150TR		88/12	
90863-110		24/12	
90863-115	500	44/12	VIEW 1

TABLE C

form: A3

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mat'l. code		—		surface		ISO 1302 ✓	
litr	ecn	no	dr	date	tolerances unless		
AG					angles	linear	
					±2°		
					dr	M. CORN	
					engr	D. WHIT	
					chr	D. WHIT	
					appd	D. WHIT	
sheet	revision						
index	sheet						

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3

2

1

D

C

B

A

4

PRODUCT NUMBER NOTE 11,4C	QTY. REEL	TAPE WIDTH PITCH MM	CONNECTOR ORIENTATION IN TAPE POCKET
90863-115REV	500	44/12	VIEW 2
90863-120	↑	44/12	VIEW 1
90863-125		56/12	↑
90863-130		56/12	
91036-110P		24/16	
93206-110TR	↓	24/12	
93206-115TR	500	44/12	
93221-105TR	400	24/12	
93221-110TR	400	32/12	
93221-115TR	500	44/12	
93221-120TR	500	44/12	
93221-125TR	400	56/12	
93221-130TR	500	56/12	
93221-135TR	↑	72/12	
93221-140TR	↓	72/12	
93221-145TR	↓	72/12	↑
93221-150TR	500	88/12	VIEW 1

TABLE C



NOTES:

- ① XXXXX-XXXXLF
 - └ LEAD FREE OPTION (NOTE 11& 13)
 - └ NUMBER OF POSITIONS (NOTE 2)
2. NUMBER OF POSITIONS = 05 THRU 50 IN 5 POS INCREMENT (EXAMPLE : 105=10 POS., 110=20 POS. ETC.)
- ③ REQUIRED ON -X40,-X45 & -X50 POSITION PARTS ONLY.
- ④ PACKAGING :
 A. ANTISTATIC TUBES. SEE TABLE A
 B. ADD "CT" TO END OF DASH NUMBER FOR CONNECTOR WITH VACUUM CAP IN ANTISTATIC TUBES.
 EX. : XXXXX-1XXCT
 C. PRESSURE SEALED TAPE AND REEL. SEE TABLE C FOR AVAILABLE PART NUMBERS.
5. HOUSING MATERIAL :
 GLASS FILLED THERMOPLASTIC FLAME RETARDANT PER UL COLOR : NATURAL
6. TERMINAL PLATING :
 30u"/.76u HARD GOLD OR GXT OVER 50u"/1.27u NI ON 100u"/2.54u PURE TIN OVER 50u"/1.27u NI IN SOLDERING
- ⑦ MOLDING FLOW RESTRICTOR QUANTITY AND LOCATION IS MANUFACTURING OPTION.
- ⑧ VACUUM CAP SLOT REQUIRED ON ALL SIZES, SLOT MAY BE LOCATED ON OPPOSITE SIDE FOR 2 X 5.
- ⑨ STYLE 6 IS NOT AVAILABLE IN TAPE AND REEL.
- ⑩ 90863-1XX IS PACKAGED ONLY IN TAPE AND REEL.
- ⑪ ADD LF SUFFIX AT THE END OF PART NUMBER FOR LEAD
12. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK FOR 20 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR OVEN. SEE APPLICATION NOTE/PROCEDURES IF THEY APPLY.
13. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
14. PRODUCT SPECIFICATION SEE BUS-12-087.

mat'l. code		surface	
litr	ecn no/dr	date	ISO 1302 ✓
AG			tolerances unless
			angles
			lineal
			±2"
			dr
			M. CORN
			engr D. WHIT
			chr D. WHIT
			appd D. WHIT
	sheet	revision	
	index	sheet	

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