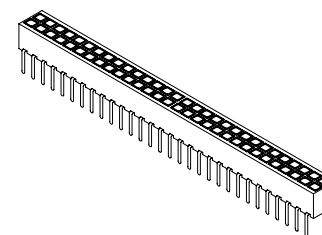
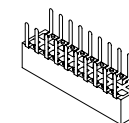
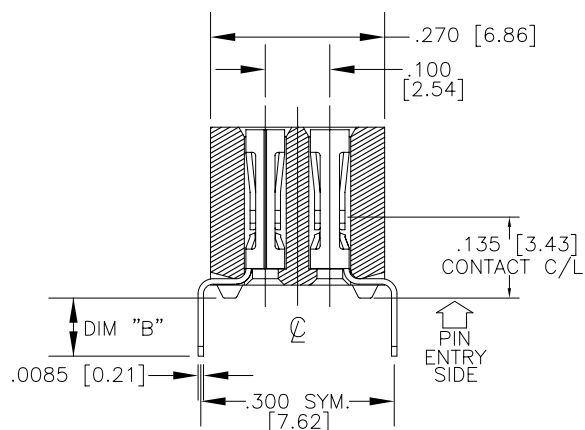
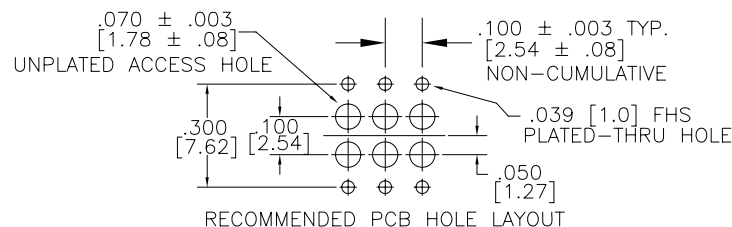
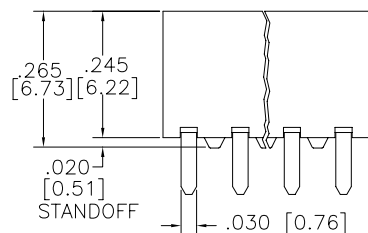
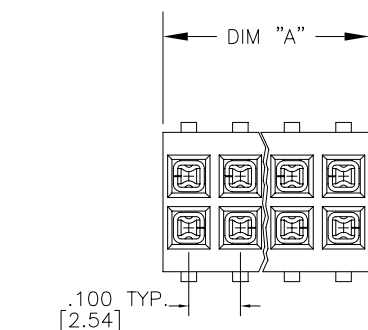


PRODUCT NUMBER

SEE TABLE



SPECIFICATIONS—MECHANICAL:

- * INSERTION FORCE — 150 G/CONTACT MAX
- * WITHDRAWAL FORCE: 20 G/CONTACT MIN
- * CONTACT RETENTION: 900 G/CONTACT MIN
- * CONTACT NORMAL FORCE: 120 G/CONTACT MIN
- * DURABILITY — 200 CYCLES
- * OPERATING TEMPERATURE: -55°C TO +85°C

SPECIFICATIONS—ELECTRICAL:

- * CURRENT RATING(CONTINUOUS): 1 AMP/CONTACT MAX
- * CONTACT RESISTANCE: 20 MILLIOHMS MAX
- * INSULATION RESISTANCE: 5000 MEGOHMS MIN
- * DIELECTRIC WITHSTAND VOLTAGE: 1000V RMS

FEATURES:

- * 6 TO 80 CONTACTS — BOTTOM ENTRY
- * BIFURCATED CONTACT DESIGN (N/S ORIENTATION)
- * SELECTIVELY PLATED GOLD CONTACT
- * Ni UNDERPLATE SUITABLE FOR NO-CLEAN OPERATION
- * SnPb OR Sn PLATED CONTACT LEADS FOR SOLDERABILITY
- * .115/2.92 TAILS INTENDED FOR USE ON .062/1.57 THICK BOARDS.
- * .145/3.68 TAILS INTENDED FOR USE ON .093/2.36 THICK BOARDS.
- * INTENDED FOR USE ON .025/0.64 SQUARE PINS

mat'l. code				surface		tolerance		projection		product family					
NOTE 1				ASME Y14.5 ✓		ASME Y14.5				NORCON					
ltr	ecr no	dr	date	tolerances unless otherwise specified						title					
B	V05-0106	HTB	2005-06-14	angles	linear	XXX ±.005/XX±.13				PCB MOUNTED RECEPTACLES					
C	V06-0137	HTB	2006-02-09					CBR30 DR .100" [2.54] GRID							
D	V06-0663	JRV	2006-07-12	0° ±0.5°		scale N.T.S.									
E	V07-0477	HTB	2007-07-18	dr	T. BREWBAKER							2005-06-14	dwg no		sheet 1 of 2
F	V07-0683	HTB	2007-11-16	engr	T. BREWBAKER	2005-06-14	56796					A			
				chr	T. BREWBAKER	2005-06-14									
				appd	T. BREWBAKER	2005-06-14			type		CUSTOMER Drawing				
sheet	revision	F	F												
index	sheet	1	2												



PRODUCT NUMBER	ENG. CODE	DESCRIPTION	DIM "A"	DIM "B"	NOTES
A0346200	CBR30B060F1	60 POS.(2x30)	3.000/76.20	.115/2.92	—
A0346200LF	—	60 POS.(2x30)	3.000/76.20	.115/2.92	3 & 4
A0351439	CBR30B010F1	10 POS.(2x5)	.500/12.70	.115/2.92	OBS.
A0351439LF	—	10 POS.(2x5)	.500/12.70	.115/2.92	3 & 4
A0352305	CBR30B070F1	70 POS.(2x35)	3.500/88.90	.115/2.92	OBS.
A0353060	CBR30B006F1	6 POS.(2x3)	.300/7.62	.115/2.92	OBS.
A0353061	CBR30B014F1	14 POS.(2x7)	.700/17.78	.115/2.92	OBS.
A0353062	CBR30B016F1	16 POS.(2x8)	.800/20.32	.115/2.92	OBS.
A0354730	CBR30B080F1	80 POS.(2x40)	4.000/101.60	.115/2.92	—
A0354730LF	—	80 POS.(2x40)	4.000/101.60	.115/2.92	3 & 4
A0360650	CBR30B040F1	40 POS.(2x20)	2.000/50.80	.115/2.92	OBS.
A0369140	CBR30B020F1	20 POS.(2x10)	1.000/25.40	.115/2.92	OBS.
A0377602	CBR30B030F1	30 POS.(2x15)	1.500/38.10	.115/2.92	OBS.
A0378890	CBR30B050F1	50 POS.(2x25)	2.500/63.50	.115/2.92	OBS.
A0382412	CBR30B036F1	36 POS.(2x18)	1.800/45.72	.115/2.92	OBS.
A0636185	CBR30B034F1	34 POS.(2x17)	1.700/43.18	.115/2.92	—
A0636185LF	—	34 POS.(2x17)	1.700/43.18	.115/2.92	3 & 4
A0637408	CBR30B006F4	6 POS.(2x3)	.300/7.62	.145/3.68	—
A0637408LF	—	6 POS.(2x3)	.300/7.62	.145/3.68	3 & 4
A0637409	CBR30B040F3	40 POS.(2x20)	2.000/50.80	.145/3.68	—
A0637409LF	—	40 POS.(2x20)	2.000/50.80	.145/3.68	3 & 4
A0637410	CBR30B060F3	60 POS.(2x30)	3.000/76.20	.145/3.68	OBS.
A0637602	CBR30B010F3	10 POS.(2x5)	.500/12.70	.145/3.68	OBS.
A0637617	CBR30B014F2	14 POS.(2x7)	.700/17.78	.145/3.68	OBS.
A0637625	CBR30B016F2	16 POS.(2x8)	.800/20.32	.145/3.68	OBS.
A0637626	CBR30B020F2	20 POS.(2x10)	1.000/25.40	.145/3.68	OBS.
A0637627	CBR30B030F3	30 POS.(2x15)	1.500/38.10	.145/3.68	OBS.
A0637628	CBR30B036F2	36 POS.(2x18)	1.800/45.72	.145/3.68	OBS.
A0637628LF	—	36 POS.(2x18)	1.800/45.72	.145/3.68	3 & 4
A0637629	CBR30B080F2	80 POS.(2x40)	4.000/101.60	.145/3.68	OBS.

NOTES:

- HOUSING MATERIAL: PBT, GLASS FIBER REINFORCED, FLAME RETARDANT PER UL 94V-0, COLOR: BLACK.
TERMINAL MATERIAL: CA510 ALLOY
CONTACT FINISH: 50u" / 1.27u Au
CONTACT UNDERPLATE: 100u" / 2.54u Ni
SOLDER TAIL FINISH: 100u" / 2.54u SnPb
LF SOLDER TAIL FINISH: 100u" / 2.54u Sn
OVERALL UNDERPLATE: 20u" / 0.51u Ni
- PACKAGED IN ANTI-STATIC TUBES.
- PART NUMBERS WITH AN LF SUFFIX MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260° C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A .062" [1.57mm] THICK CIRCUIT BOARD.

mat'l. code				surface ☒ ASME Y14.5		tolerance ☒ ASME Y14.5		projection		product family NORCON	
NOTE 1				ecn no		dr		date		title	
F										PCB MOUNTED RECEPTACLES	
										CBR30 DR .100" [2.54] GRID	
										dwg no	
										sheet 2 of 2	
										size	
										A4	
										type	
										CUSTOMER Drawing	
sheet index		revision sheet									