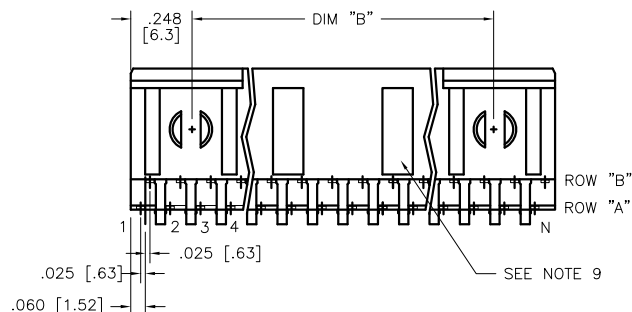
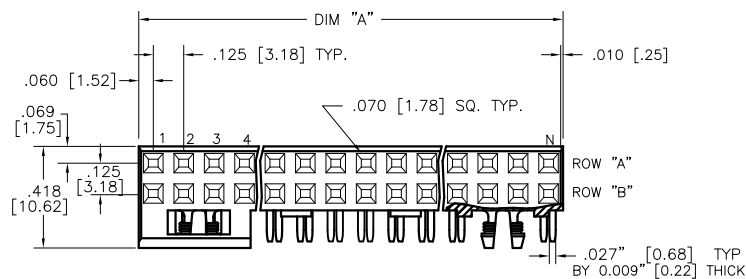


PRODUCT NUMBER

SEE TABLE

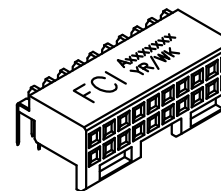
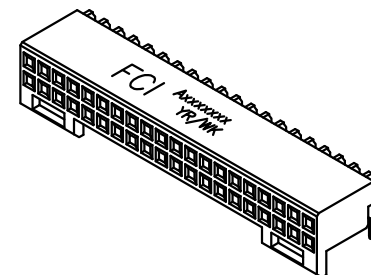


SPECIFICATIONS—MECHANICAL:

- * INSERTION FORCE — GOLD: 150 G/CONTACT MAX
- * INSERTION FORCE — SnPb: 200 G/CONTACT MAX
- * WITHDRAWAL FORCE: 20 G/CONTACT MIN
- * CONTACT RETENTION: 900 G/CONTACT MIN
- * CONTACT NORMAL FORCE: 120 G/CONTACT MIN
- * DURABILITY — GOLD: 200 CYCLES
- * DURABILITY — SnPb: 25 CYCLES
- * OPERATING TEMPERATURE: -55°C TO +85°C

SPECIFICATIONS—ELECTRICAL:

- * CURRENT RATING(CONTINUOUS): 2 AMPS/CONTACT MAX
- * CONTACT RESISTANCE: 20 MILLIOHMS MAX
- * INSULATION RESISTANCE: 5000 MEGOHMS MIN
- * DIELECTRIC WITHSTAND VOLTAGE: 1500V RMS

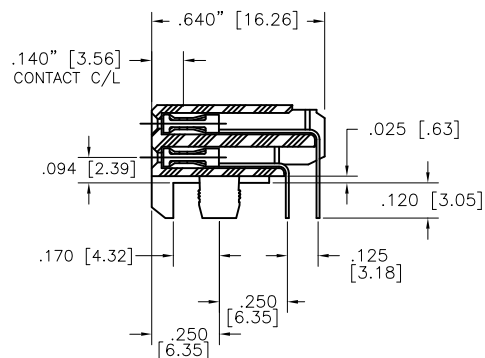


FEATURES:

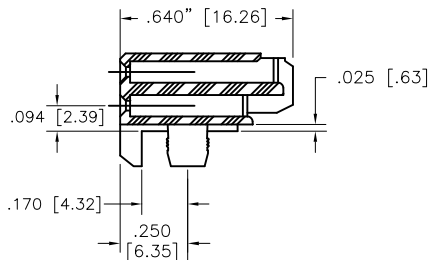
- * END STACKABLE
- * SNAP-ON BOARD ASSEMBLY
- * STAGGERED TOP AND BOTTOM ROW LEADS TO PERMIT AUTOMATIC BOARD INSERTION
- * BIFURCATED CONTACT DESIGN (N/S ORIENTATION)
- * Ni UNDERPLATE SUITABLE FOR NO-CLEAN OPERATION
- * Sn OR SnPb PLATED CONTACT LEADS FOR SOLDERABILITY
- * INTENDED FOR USE ON .062/1.57 THICK PCB
- * INTENDED FOR USE ON .025/0.64 SQUARE PINS

mat'l. code				surface	tolerance	projection	product family
SEE NOTE 1				ASME Y14.5	ASME Y14.5		NORCON
ltr	ec'n no	dr	date	angles	linear	INCH/MM	title
L	V09-0115	HTB	2009-03-23		XX*.01/X*.3		PCB MOUNTED RECEPTACLES
-	-	-	-		XXX*.005/XX*.13		CBR05 DR .125" [3.18] GRID
F	V05-0336	HTB	2005-04-11	0° ±2'	XXXX*.0020/XXX*.051	scale N.T.S.	dwg no
G	V05-0860	HTB	2005-09-07	dr	T. BREWBAKER	2004-12-16	sheet 1 of 4
H	V05-1156	HTB	2006-01-26	enrg	T. BREWBAKER	2004-12-16	size
J	V06-0662	JRV	2006-07-07	chr	T. BREWBAKER	2004-12-16	A4
K	V07-0478	HTB	2007-07-18	appd	T. BREWBAKER	2004-12-16	type
sheet	revision	L	L	L	L		CUSTOMER Drawing
index	sheet	1	2	3	4		

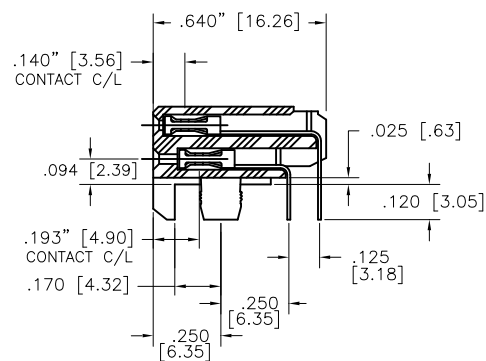
PRODUCT NUMBER
SEE TABLE



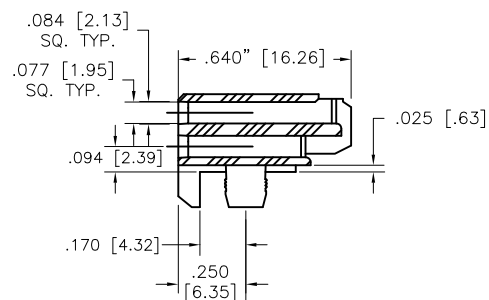
TYPE A
STANDARD WITH TERMINAL



TYPE C
STANDARD WITHOUT TERMINAL



TYPE B
STANDARD WITH
LAST MAKE/EARLY BREAK
TERMINAL



TYPE D
HOLLOWED-OUT
POSITION

mat'l. code SEE NOTE 1				surface ASME Y14.5	tolerance ASME Y14.5	projection INCH/MM	product family NORCON
ltr	ecrn no	dr	date	tolerances unless otherwise specified		scale N.T.S.	title
L				angles	XX±.01/X±3 XXX±.005/XXX±.13		PCB MOUNTED RECEPTACLES CBR05 DR .125" [3.18] GRID
				0° ±2'	XXXX±.0020/XXX±.051		dwg no
				dr	T. BREWBAKER 2004-12-16	FCI	sheet 2 of 4
				engr	T. BREWBAKER 2004-12-16		size
				chr	T. BREWBAKER 2004-12-16		A4
				appd	T. BREWBAKER 2004-12-16		type
sheet index	revision sheet						CUSTOMER Drawing

PRODUCT NO. NOTE 11	ENG. CODE	DESCRIPTION	DIM "A"	DIM "B"	DIM "C" ±.003/.08	DIM "F" ±.003/.08	DIM "G" ±.003/.08	CONTACT FINISH	NOTES
A0326626	CBR05A020A	20 POS.(2x10)	1.245/31.62	.750/19.05	1.125/28.58	.750/19.05	1.250/31.75	30u"/0.76u Au	2 OBS.
A0326626LF	—	20 POS.(2x10)	1.245/31.62	.750/19.05	1.125/28.58	.750/19.05	1.250/31.75	30u"/0.76u Au	2
A0326627	CBR05A040A	40 POS.(2x20)	2.495/63.37	2.000/50.80	2.375/60.33	2.000/50.80	2.500/63.50	30u"/0.76u Au	3 OBS.
A0326627LF	—	40 POS.(2x20)	2.495/63.37	2.000/50.80	2.375/60.33	2.000/50.80	2.500/63.50	30u"/0.76u Au	3
A0336758	CBR05B040	40 POS.(2x20)	2.495/63.37	2.000/50.80	2.375/60.33	2.000/50.80	2.500/63.50	75u"/1.91u SnPb	OBS.
A0381049	CBR05B020	20 POS.(2x10)	1.245/31.62	.750/19.05	1.125/28.58	.750/19.05	1.250/31.75	75u"/1.91u SnPb	OBS.
A0600983	CBR05A040A1	40 POS.(2x20)	2.495/63.37	2.000/50.80	2.375/60.33	2.000/50.80	2.500/63.50	30u"/0.76u Au	4
A0600983LF	—	40 POS.(2x20)	2.495/63.37	2.000/50.80	2.375/60.33	2.000/50.80	2.500/63.50	30u"/0.76u Au	4 OBS.
A0619623	CBR05D34	40 POS.(2x20)	2.495/63.37	2.000/50.80	2.375/60.33	2.000/50.80	2.500/63.50	75u"/1.91u SnPb	5 OBS.
A0626590	CBR05B040L1	40 POS.(2x20)	2.495/63.37	2.000/50.80	2.375/60.33	2.000/50.80	2.500/63.50	75u"/1.91u SnPb	6 OBS.
A0626591	CBR05B040L2	40 POS.(2x20)	2.495/63.37	2.000/50.80	2.375/60.33	2.000/50.80	2.500/63.50	75u"/1.91u SnPb	7
A0637518	CBR05B040L5	40 POS.(2x20)	2.495/63.37	2.000/50.80	2.375/60.33	2.000/50.80	2.500/63.50	75u"/1.91u SnPb	8 OBS.

NOTES:

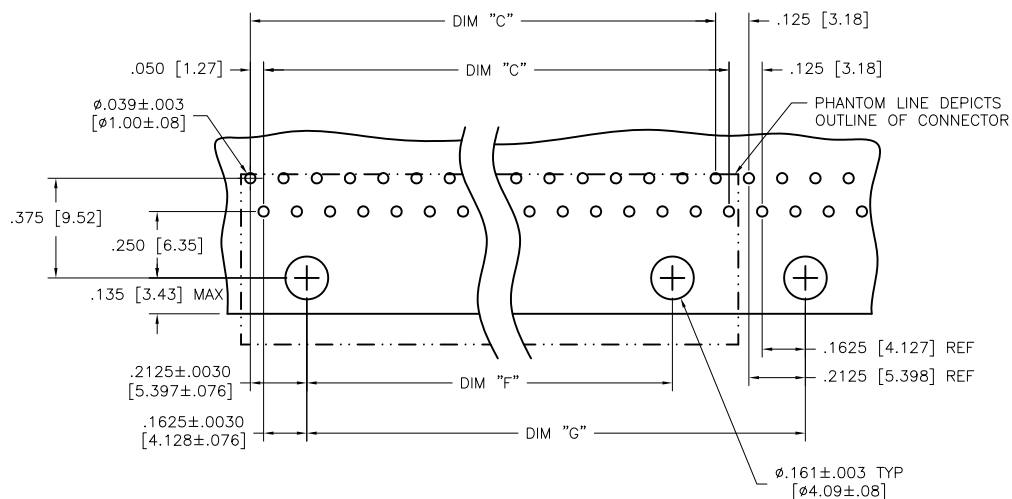
- ①. HOUSING MATERIAL: PBT, GLASS FIBER REINFORCED, FLAME RETARDANT PER UL 94V-0, COLOR: BLACK.
TERMINAL MATERIAL: CA510 ALLOY
CONTACT FINISH: SEE TABLE
CONTACT UNDERPLATE: 100u" / 2.54um SnPb
SOLDER TAIL FINISH: 100u" / 2.54um SnPb
LF SOLDER TAIL FINISH: 100u" / 2.54um Sn
OVERALL UNDERPLATE: 20u" / 0.51um Ni
- ②. TAIL STYLE: MANUAL, PACK TYPE (QTY/CARTON): TRAY-800.
- ③. TAIL STYLE: MANUAL, PACK TYPE (QTY/CARTON): TRAY-400.
- ④. TYPE B LOCATION: B5
TYPE A LOCATIONS: ALL OTHERS
- ⑤. TYPE A LOCATIONS: A11, A15, A20, B6, B7, B8, B10
TYPE D LOCATIONS: ALL OTHERS
- ⑥. TYPE A LOCATIONS: A1, A2, A5, A6, A7, A13, A14,
B2, B5, B6, B7, B13, B18, B19.
TYPE C LOCATIONS: ALL OTHERS
- ⑦. TYPE A LOCATIONS: ALL ROW A, B1, B2, B20
TYPE C LOCATIONS: ALL OTHERS
- ⑧. TYPE A LOCATIONS: A1, A5, A6, A7, A14.
TYPE D LOCATIONS: ALL OTHERS
- ⑨. STANDOFFS ON 2x40 ONLY.
10. PACKAGING:
ANTI-STATIC TRAYS

- ⑪. PART NUMBERS WITH AN "LF" SUFFIX MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
THESE PARTS HAVE Sn PLATED TAILS.
12. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURES FOR 5 SECONDS IN A WAVE SOLDER APPLICATION WITH A .062" [1.57MM] THICK CIRCUIT BOARD.

mat'l. code	surface	tolerance	projection	product family
SEE NOTE 1	ASME Y14.5 ✓	ASME Y14.5		NORCON
ltr	ecn no	dr	date	title
L				PCB MOUNTED RECEPTACLES
				CBR05 DR .125" [3.18] GRID
				dwg no
				sheet 3 of 4
				size
				A4
				type
				CUSTOMER Drawing
sheet	revision			
index	sheet			

PRODUCT NUMBER

SEE TABLE



mat'l. code SEE NOTE 1				surface ASME Y14.5	tolerance ASME Y14.5	projection	product family NORCON
ltr	ecn no	dr	date	tolerances unless otherwise specified		 INCH/MM	title
L				angles	XX±.01/XX±.3 XXX±.005/XX±.13 0° ±2° XXXX±.0020/XXX±.051		PCB MOUNTED RECEPTACLES CBR05 DR .125" [3.18] GRID
				dr	T. BREWBAKER 2004-12-16		dwg no
				engr	T. BREWBAKER 2004-12-16		sheet 4 of 4
				chr	T. BREWBAKER 2004-12-16		size
				appd	T. BREWBAKER 2004-12-16		A4
sheet index	revision sheet						type
							CUSTOMER Drawing