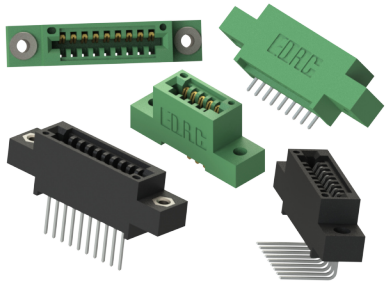
845/895 SERIES

High Temp Card Edge Connectors 0.100" (2.54mm) Pitch

Features

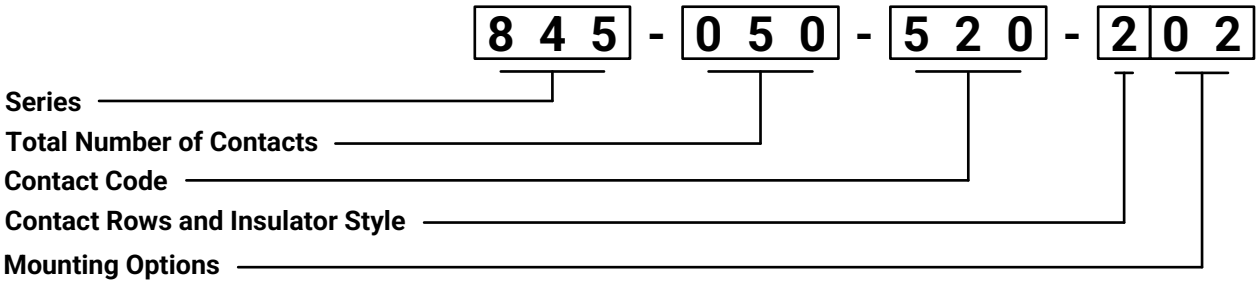
- 0.100" (2.54mm) contact spacing x 0.200" (5.08mm) row spacing
- Accepts 0.062" (1.57mm) nominal thickness P.C. board
- High profile insulator body, 0.600" (15.24mm)
- P.C. tail, wire wrap, wire hole, 90 degree bends and extender board bends termination types
- Single or dual row configurations
- Large variety of mounting options, flush or offset lugs
- Accepts between contact and in-contact polarizing keys
- Pre-assembled card guides are available
- Automatic wire wrap positioning holes
- RoHS Compliant



Specifications

Insulator Material	Diallyl Phthalate (845 Series), Polyphenylene Sulfide (895 Series), UL 94V-0
Contact Material	Copper Alloy
Contact Plating	Gold plating on contact area, Tin plating on tail area
Current Rating	3 Amps
Contact Resistance	10 Milliohms maximum
Dielectric Withstanding Voltage	1200 V AC rms at sea level between adjacent contacts
Insulation Resistance	5000 Megaohms minimum
Operating Temperature	-40°C to +125°C
Insertion Force	16 oz (4.45 N) maximum per contact pair when tested with .070" (1.78mm) thick gauge
Withdrawal Force	1 oz (0.28 N) minimum per contact pair when tested with .054" (1.37mm) thick gauge

Example Part Number



*** Please see next page for options

845/895 SERIES

High Temp Card Edge Connectors 0.100" (2.54mm) Pitch

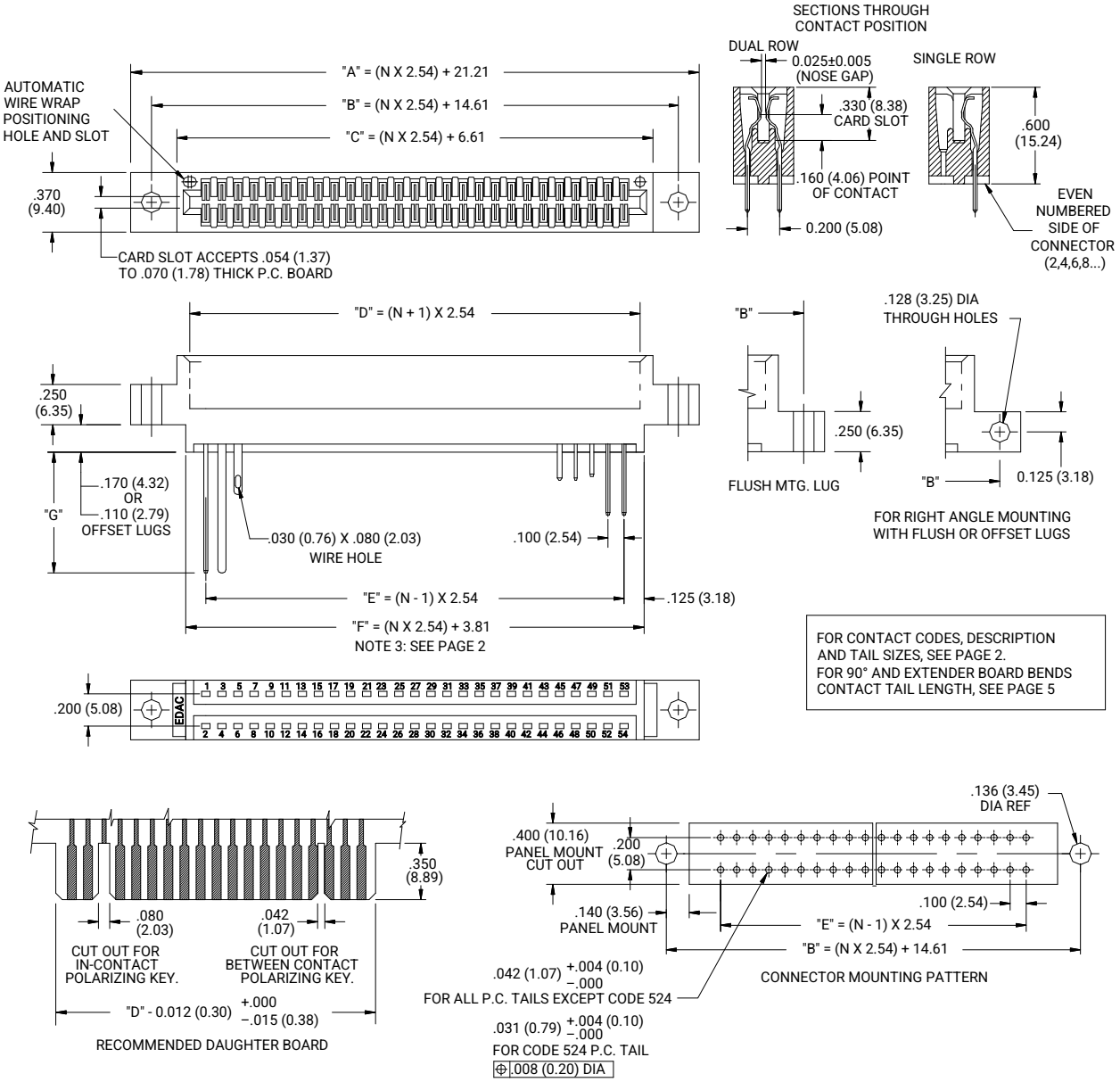
Series	Description		
845	Diallyl Phthalate, Green		
895	Polyphenylene Sulfide, Black		
Total Number of Contacts	**Description**		
005, 006, - 072	Single Row (Note 1)		
010, 012 - 144	Double Row (Even Numbers Only) (Note 1)		
Contact Code	**Description**	**Tail Size**	**Tail Length (G)**
500	Wire Hole	.050 x .025 (1.27 x 0.64)	.260 (6.60)
520	P.C.Tail	.030 x .018 (0.76 x 0.46)	.175 (4.45)
521	P.C.Tail	.025 Square (0.64 Square)	.150 (3.81)
523	P.C.Tail	.025 Square (0.64 Square)	.390 (9.91)
524	P.C.Tail	.018 Square (0.46 Square)	.175 (4.45)
525	P.C.Tail	.018 Square (0.46 Square)	.150 (3.81)
540	Wire Wrap	.025 Square (0.64 Square)	.560 (14.22)
541	Wire Wrap	.025 Square (0.64 Square)	.750 (19.05)
542	Wire Wrap	.025 Square (0.64 Square)	.645 (16.38)
544	Wire Wrap	.050 x .025 (1.27 x 0.64)	.750 (19.05)
555	Extender Board Bend	.050 x .025 (1.27 x 0.64)	See Page 5
556	Extender Board Bend	.030 x .018 (0.76 x 0.46)	See Page 5
558	90 Degree Bend	.025 Square (0.64 Square)	See Page 5
559	90 Degree Bend	.025 Square (0.64 Square)	See Page 5
560	Extender Board Bend	.025 Square (0.64 Square)	See Page 5
Contact Rows and Insulator Style	**Description**		
1	Single Row Flush Mounting Lugs (Note 2)		
2	Double Row Flush Mounting Lugs (Note 2)		
4	Single Row .110 (2.79) Offset Lugs (Note 3)		
5	Double Row .110 (2.79) Offset Lugs (Note 3)		
6	Single Row .170 (4.32) Offset Lugs (Note 3)		
8	Double Row .170 (4.32) Offset Lugs (Note 3)		
Mounting Options	**Description**		
01	No Mounting Lug (Note 2)		
02	Ø.128" (Ø3.25mm) Mounting Holes		
03	Ø.116" (Ø2.95mm) I.D. Floating Eyelets		
04	Ø.156" (Ø3.96mm) Mounting Holes		
07	M3-0.5 Metric Threaded Inserts		
08	#4-40 Unified Threaded Inserts		
12	Ø.128" (Ø3.25mm) Side Mounting Holes		

Ordering Notes:

1. All connector sizes up to 72 contacts for single row and up to 144 contacts for double row are available upon request.
2. For mounting code 01 (no mounting lug), contact row and insulator style 1 or 2 available only.
3. Dimension F applicable to contact row and insulator style 4, 5, 6, and 8 only. See Page 3 for dimensions.

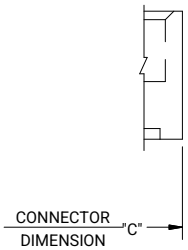
845/895 SERIES

High Temp Card Edge Connectors 0.100" (2.54mm) Pitch

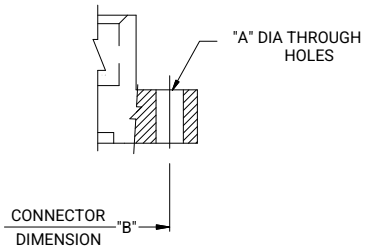


Number of Contacts		Dimension A		Dimension B		Dimension C		Dimension D		Dimension E		Dimension F	
Single	Double	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
5	10	1.335	33.91	1.075	27.31	0.760	19.31	0.600	15.24	0.400	10.16	0.650	16.51
10	20	1.835	46.61	1.575	40.01	1.260	32.01	1.100	27.94	0.900	22.86	1.150	29.21
13	26	2.135	54.23	1.875	47.63	1.560	39.63	1.400	35.56	1.200	30.48	1.450	36.83
15	30	2.335	59.31	2.075	52.71	1.760	44.71	1.600	40.64	1.400	35.56	1.650	41.91
18	36	2.635	66.93	2.375	60.33	2.060	52.33	1.900	48.26	1.700	43.18	1.950	49.53
22	44	3.035	77.09	2.775	70.49	2.460	62.49	2.300	58.42	2.100	53.34	2.350	59.69
25	60	3.335	84.71	3.075	78.11	2.760	70.11	2.600	66.04	2.400	60.96	2.650	67.31
30	62	3.385	97.41	3.575	90.81	3.260	82.81	3.100	78.74	2.900	73.66	3.150	80.01
35	70	4.335	110.11	4.075	103.51	3.760	95.51	3.600	91.44	3.400	86.36	3.650	92.71
36	72	4.435	112.65	4.175	106.05	3.860	98.05	3.700	93.98	3.500	88.90	3.750	95.25
43	86	5.135	130.43	4.875	123.83	4.560	115.83	4.400	111.76	4.200	106.68	4.450	113.03
50	100	5.835	148.21	5.575	141.61	5.260	133.61	5.100	129.54	4.900	124.46	5.150	130.81
60	120	6.835	173.61	6.575	167.01	6.260	159.01	6.100	154.94	5.900	149.86	6.150	156.21
72	144	8.035	204.09	7.775	197.49	7.460	189.49	7.300	185.42	7.100	180.34	7.350	186.69

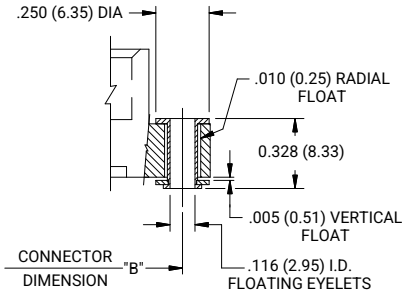
Note: All connector sizes up to 72 contacts for single row and up to 144 contacts for double row are available upon request.



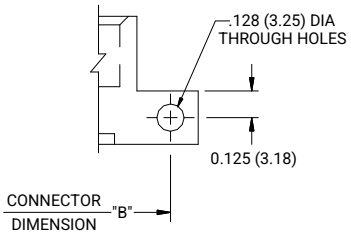
MOUNTING OPTION
CODE X01
(NO MOUNTING LUGS)



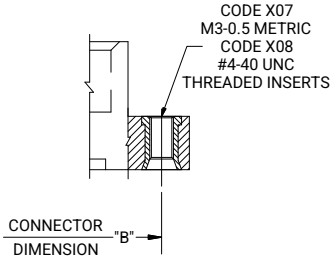
MOUNTING OPTION
CODES X02 AND X04
(THROUGH MOUNTING HOLES)



MOUNTING OPTION
CODE X03
(FLOATING EYELETS)

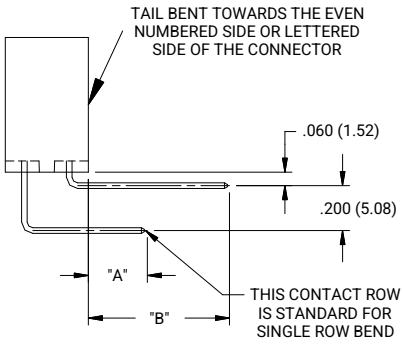


MOUNTING OPTION
CODE X12
(SIDE MOUNTING HOLES)
WITH INSERTS: CODES X17 & X18,
SEE TABLE

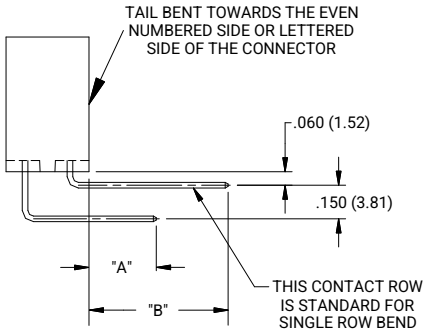


MOUNTING OPTION
CODES X07 AND X08
(THREADED INSERTS)

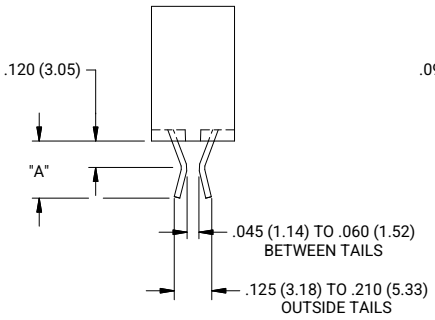
CODE X02 AND X04 - THROUGH MTG. HOLES		
	CODE X02	**CODE X04**
"A" DIA.	0.128 (3.25)	0.156 (3.96)
CODE X07 AND X08 - THREADED INSERTS		
	CODE X07	**CODE X08**
INSERT	M3-0.5	#4-40 UNC
SIDE MOUNTING HOLES WITH INSERTS		
	CODE X17	**CODE X18**
INSERT	M3-0.5	#4-40 UNC



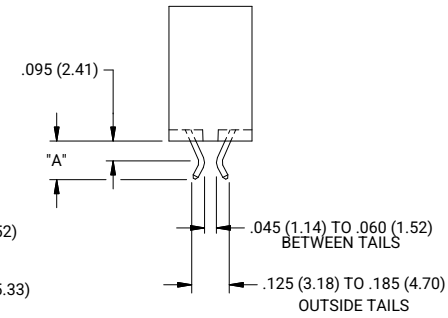
CONTACT CODE 558



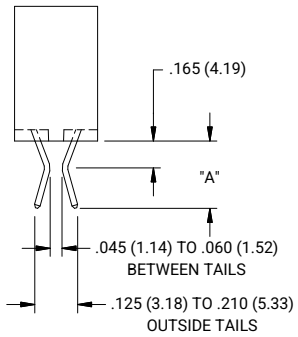
CONTACT CODE 559



CONTACT CODE 555 BEND USES WIRE HOLE CONTACTS



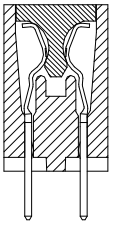
CONTACT CODE 556



CONTACT CODE 560

MOUNTING OPTION	A	B
555	0.245 (6.22)	
556	0.170 (4.32)	
558	0.235 (5.97)	0.635 (16.13)
559	0.285 (7.24)	0.635 (16.13)
560	0.375 (9.53)	

IN-CONTACT POLARIZING KEY P/N 345-240-328



BETWEEN CONTACT POLARIZING KEY P/N 345-240-318

