

Card Edge Connectors 0.150" (3.81mm) Pitch

Features:

- 0.150" (3.81mm) 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)
- Contact termination options include P.C. tail, wire wrap and extender board bends
- Single or dual row configurations
- Variety of mounting options
- Accepts in-contact polarizing keys
- RoHS Compliant



Specifications:

Insulator Material	UL 94V-0 Thermoplastic Polyester, Black Color
Contact Material	Copper Alloy
Contact Plating	Gold Plating on mating area and Tin Plating on tails with Nickel underplating all over
Current Rating	3 amps
Contact Resistance	10 milliohms maximum
Dielectric Withstanding Voltage	1800 V AC rms at sea level between adjacent contacts
Insulation Resistance	5000 megaohms minimum
Operating Temperature	-40°C to +105°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: 379-040-520-208

Series

Total Number of Contacts

Contact Code

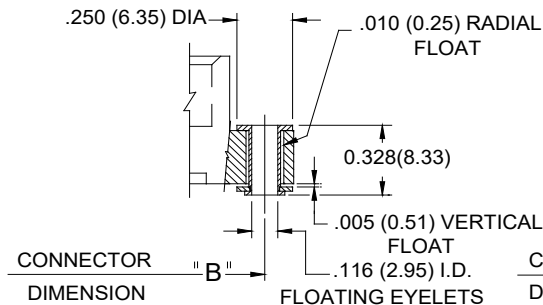
Contact Rows

Mounting Options

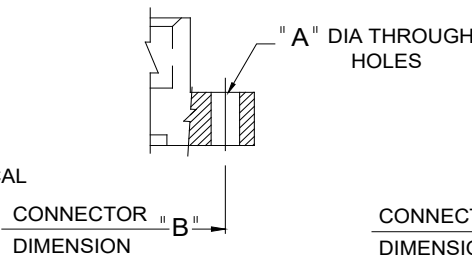
Series:	Contact Code:	Tail Description:	Tail Size:	Tail Length "G":
379	520	P.C. Tail	.030 x .018 (0.76 x 0.46)	.175 (4.45)
Total Number of Contacts:	521	P.C. Tail	.025 Square (0.64 Square)	.150 (3.81)
006, 016, 020, 026 or 032	523	P.C. Tail	.025 Square (0.64 Square)	.390 (9.91)
Contact Rows:	524	P.C. Tail	.018 Square (0.46 Square)	.175 (4.45)
012, 032, 040, 052 or 064	540	Wire Wrap	.025 Square (0.64 Square)	.560 (14.22)
1	541	Wire Wrap	.025 Square (0.64 Square)	.750 (19.05)
2	542	Wire Wrap	.025 Square (0.64 Square)	.645 (16.38)
Mounting Options:	544	Wire Wrap	.050 x .025 (1.27 x 0.64)	.750 (19.05)
01	555	EXTENDER BOARD BEND	(Code 500 Contacts)	
02	556	EXTENDER BOARD BEND	(Code 520 Contacts)	
03	560	EXTENDER BOARD BEND	(Code 523 Contacts)	
04				
07				
08				

Ordering Code Notes:
Consult with EDAC regarding 90 degree bend availability.

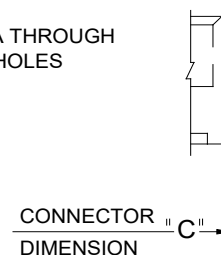
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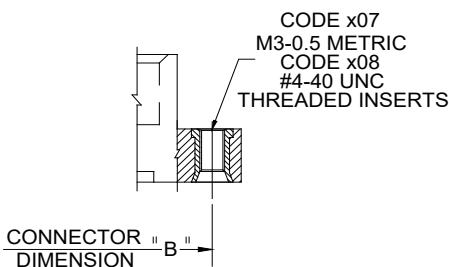
MOUNTING OPTION
CODE x03
(FLOATING EYELETS)



MOUNTING OPTION
CODES x02 AND x04
(THROUGH MOUNTING HOLES)

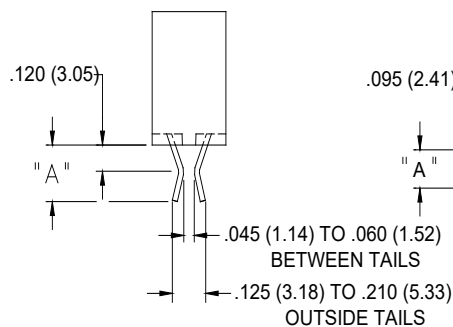


MOUNTING OPTION
CODE x01
(NO MOUNTING LUGS)

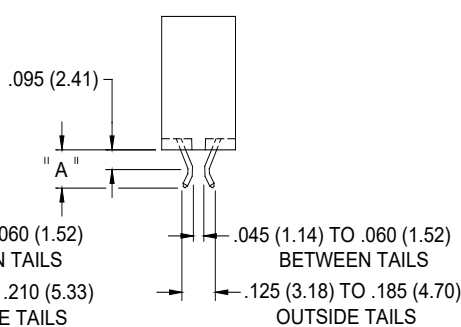


MOUNTING OPTION
CODES x07 & x08
(THREADED INSERTS)

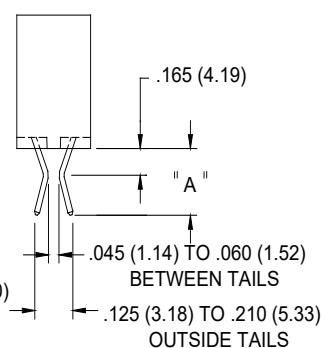
CODE X02 AND X04- THROUGH MTG. HOLES		
	CODE X02	CODE X04
"A" DIA.	0.128(3.25)	0.156(3.96)
CODE X07 AND X08- THREADED INSERTS		
	CODE X07	CODE X08
INSERT	M3-0.5(METRIC)	#4-40 UNC



CONTACT CODE 555 BEND USES
WIRE HOLE CONTACTS



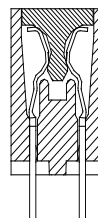
CONTACT CODE 556



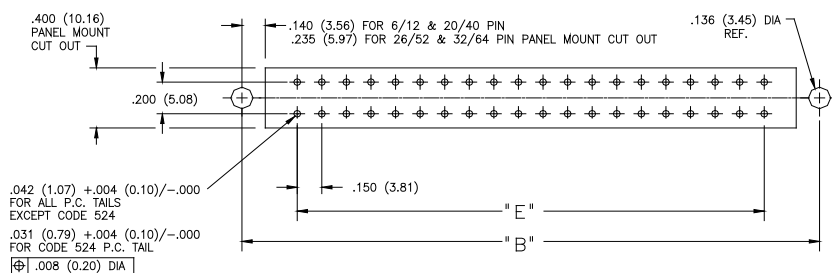
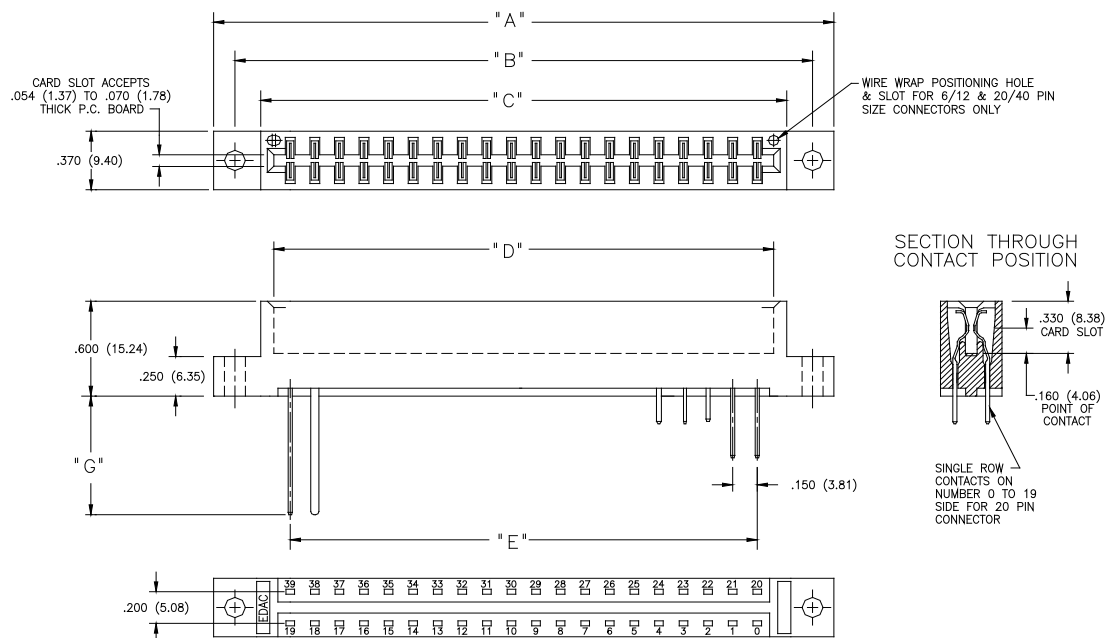
CONTACT CODE 560

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

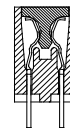
CONTACT CODE	A	B
555	0.245(6.22)	
556	0.170(4.32)	
560	0.375(9.53)	



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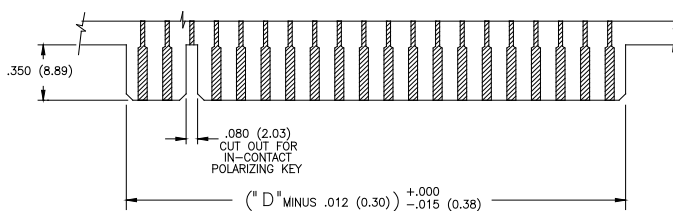


IN-CONTACT POLARIZING KEY
P/N 345-240-328

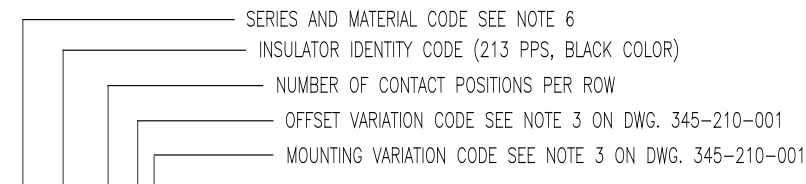


CONNECTOR MOUNTING PATTERN

CONSULT WITH EDAC REGARDING CONNECTORS WITH BETWEEN CONTACT POLARIZING KEY MOULDED INTO POSITION.



RECOMMENDED DAUGHTER BOARD



379-210-032-XXX	32	64	5.675(144.14)	5.410(137.41)	5.100(129.54)	4.940(125.47)	4.650(118.11)
379-210-026-XXX	26	52	4.775(120.78)	4.510(114.55)	4.200(106.68)	4.040(102.62)	3.750(95.25)
379-210-024-XXX	24	48	4.475(113.66)	4.210(106.93)	3.900(99.06)	3.740(95.00)	3.450(87.63)
379-210-020-XXX	20	40	3.875(98.43)	3.610(91.69)	3.300(83.82)	3.140(79.76)	2.850(72.39)
379-210-016-XXX	16	32	3.275(83.18)	3.010(76.45)	2.700(68.58)	2.540(64.52)	2.250(57.15)
379-210-006-XXX	6	12	1.775(45.09)	1.510(38.35)	1.200(30.48)	1.040(26.42)	.750(19.05)
PART NUMBER	SINGLE (# OF CONTACTS)	DUAL (# OF CONTACTS)	A ±.015	B ±.010	C ±.015	D +.010 -.006	E ±.005

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

EDAC:

[379-040-521-202](#) [379-052-521-202](#) [379-052-540-204](#) [379-064-520-202](#) [379-064-521-202](#) [379-052-541-201](#) [379-052-520-201](#) [379-040-520-201](#) [379-040-520-202](#) [379-040-542-202](#) [379-012-520-201](#) [379-012-520-202](#) [379-012-520-203](#) [379-052-556-202](#) [379-052-556-204](#) [379-052-560-201](#) [379-052-560-202](#) [379-052-560-204](#) [379-052-544-207](#) [379-052-544-208](#) [379-052-555-201](#) [379-052-555-202](#) [379-052-555-204](#) [379-052-556-201](#) [379-052-542-207](#) [379-052-542-208](#) [379-052-544-201](#) [379-052-544-202](#) [379-052-544-203](#) [379-052-544-204](#) [379-052-541-207](#) [379-052-541-208](#) [379-052-542-201](#) [379-052-542-202](#) [379-052-542-203](#) [379-052-542-204](#) [379-052-524-204](#) [379-052-524-207](#) [379-052-524-208](#) [379-052-541-202](#) [379-052-541-203](#) [379-052-541-204](#) [379-052-523-204](#) [379-052-523-207](#) [379-052-523-208](#) [379-052-524-201](#) [379-052-524-202](#) [379-052-524-203](#) [379-052-521-204](#) [379-052-521-207](#) [379-052-521-208](#) [379-052-523-201](#) [379-052-523-202](#) [379-052-523-203](#) [379-052-520-203](#) [379-052-520-204](#) [379-052-520-207](#) [379-052-520-208](#) [379-052-521-201](#) [379-052-521-203](#) [379-040-556-202](#) [379-040-556-204](#) [379-040-560-201](#) [379-040-560-202](#) [379-040-560-204](#) [379-052-520-202](#) [379-040-544-207](#) [379-040-544-208](#) [379-040-555-201](#) [379-040-555-202](#) [379-040-555-204](#) [379-040-556-201](#) [379-040-542-207](#) [379-040-542-208](#) [379-040-544-201](#) [379-040-544-202](#) [379-040-544-203](#) [379-040-544-204](#) [379-040-541-204](#) [379-040-541-207](#) [379-040-541-208](#) [379-040-542-201](#) [379-040-542-203](#) [379-040-542-204](#) [379-040-524-204](#) [379-040-524-207](#) [379-040-524-208](#) [379-040-541-201](#) [379-040-541-202](#) [379-040-541-203](#) [379-040-523-204](#) [379-040-523-207](#) [379-040-523-208](#) [379-040-524-201](#) [379-040-524-202](#) [379-040-524-203](#) [379-040-521-204](#) [379-040-521-207](#) [379-040-521-208](#) [379-040-523-201](#)