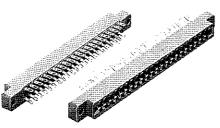
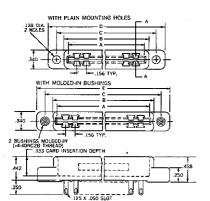
TRW CINCH CONNECTORS

STANDARD PC CONNECTORS

STANDARD EDGE CONNECTORS WITH SOLDER TAB CONTACTS/ .156" SPACING - SINGLE OR DOUBLE READOUT FOR χ_6 " PRINTED CIRCUIT BOARDS





FEATURES AND SPECIFICATIONS

SPECIAL FEATURES: Patented bifurcated bellows contacts Pat. No. 3274532 provide added contact reliability especially in applications where vibration and board irregularities are involved.

SIZES: Both single and double readout versions are available in 6, 10, 12, 15, 18, 20, 22 and 25-contact position sizes. TERMINATION: Bifurcated contacts with conventional .115" x .050" slot solder tabs.

MOUNTING STYLES: Available with either 128" diameter holes for standard mounting molded-in bushings or floating bushings. 142" diameter plain holes also available on special order.

INSULATOR MATERIAL: Green glass-filled diallyl phthalate, type SDG-F per MIL-M-14.

CONTACT MATERIALS & PLATING: Contacts are available in either phosphor bronze or beryllium copper. Standard finish is 30 micro-inches gold in the contacting area and 10 micro-inches gold on the remainder of the contact. Beryllium copper contacts can also be supplied with special finish of 50 micro-inches gold over 100 micro-inches copper to meet MIL-C-21079 C.

POLARIZING KEY MATERIALS: Two types of polarizing keys are available, and must be ordered separately as follows: Part No. 456-07-35-003 (for between contact polarization) is made of glass epoxy; Part No. 474-11-54-200 (for incontact polarization) is made of diallyl phthalate.

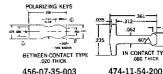
PERFORMANCE SPECIFICATIONS: Contact factory.











SINGLE READOUT

"Recognized under the Component Program of Underwriters' Laboratories, Inc."

NO. OF CONTACT POSI-	TYPE I PART NO. (Plain Mig. Holes	TYPE 1A PART NO. (Plain Mtg. Holes	TYPE 2 PART NO. (Moided-in	TYPE 3 PART NO. (Floating/	CONTACT	DIMENSIONS				NG. OF CONTACT POSI-	
TIONS	.128" Dia.)	.142" Dia.)	Bushings)	Bushings)	MATERIAL	A	В	C	D	E	TIONS
6	250-06-30-170* 250-06-30-171†	250-06-30-211 250-06-30-210	250-06-30-190 250-06-30-191†	250-06-30-200 250-06-30-201†	Phosphor Bronze Beryllium Copper	1.100	1.239	1.531	1.785	1.937	6
10	250-10-30-170* 250-10-30-171+	250-10-30-211 250-10-30-210	250-10-30-190 250-10-30-191†	250-10-30-200 250-10-30-201†	Phosphor Bronze Beryllium Copper	1.724	1.864	2.156	2.410	2.562	10
12	250-12-30-170* 250-12-30-171	250-12-30-211 250-12-30-210	250-12-30-190 250-12-30-191	250-12-30-200 250-12-30-201	Phosphor Bronze Beryllium Copper	2.036	2.177	2.469	2.723	2.875	12
15	250-15-30-170* 250-15-30-171†	250-15-30-211 250-15-30-210	250-15-30-190 250-15-30-191†	250-15-30-200 250-15-30-201†	Phosphor Bronze Beryllium Copper	2.504	2.645	2.937	3.191	3.343	15
18	250-18-30-170* 250-18-30-171+	250-18-30-211 250-18-30-210	250-18-30-190 250-18-30-191†	250-18-30-200 250-18-30-201†	Phosphor Bronze Beryllium Copper	2.972	3.114	3.406	3.660	3.812	18
20	250-20-30-170 250-20-30-171	250-20-30-211 250-20-30-210	250-20-30-190 250-20-30-191	250-20-30-200 250-20-30-201	Phosphor Bronze Beryllium Copper	3,286	3.427	3.719	3.973	4.125	20
22	250-22-30-170* 250-22-30-171†	250-22-30-211 250-22-30-210	250-22-30-190 250-22-30-191†	250-22-30-200 250-22-30-201†	Phosphor Bronze Beryllium Copper	3.596	3.739	4.031	4.285	4.437	22
25	250-25-30-171 250-25-30-170* 250-25-30-171	250-25-30-210 250-25-30-211 250-25-30-210	250-25-30-191 250-25-30-191	250-25-30-201 250-25-30-201 250-25-30-201	Phosphor Bronze Beryllium Copper	4.067	4.208	4.500	4.754	4.906	25

DOUBLE READOUT "Recognized under the Component Program of Underwriters' Laboratories, Inc."

NO. OF CONTACT POSI-	TYPE I PART NO. (Plain Mtg. Holes	TYPE 1A PART NO. (Plain Mtg. Holes	TYPE 2 PART NO. (Molded-In	TYPE 3 PART NG. (Floating/	CONTACT		NO. OF CONTACT POS1-				
TIONS	.128" Dia.)	.142" Dia.)	Bushings)	Bushings)	MATERIAL	A	В	C	D	£	TIONS
6	251-06-30-160* 251-06-30-161†	251-06-30-260 251-06-30-261	251-06-30-210 251-06-30-211†	251-06-30-220 251-06-30-221†	Phosphor Bronze Beryllium Copper	1,100	1.239	1.531	1.785	1.937	6
10	251-10-30-160* 251-10-30-161†	251-10-30-260 251-10-30-261	251-10-30-210 251-10-30-211†	251-10-30-220 251-10-30-221†	Phosphor Bronze Beryllium Copper	1.724	1.864	2.156	2.410	2.562	10
12	251-12-30-160* 251-12-30-161	251-12-30-260 251-12-30-261	251-12-30-210 251-12-30-211	251-12-30-220 251-12-30-221	Phosphor Bronze Beryllium Copper	2.036	2.177	2.469	2.723	2.875	12
15	251-15-30-160* 251-15-30-161†	251-15-30-260 251-15-30-261	251-15-30-210 251-15-30-211†	251-15-30-220 251-15-30-221†	Phosphor Bronze Beryllium Copper	2.504	2.645	2.937	3.191	3.343	15
18	251-18-30-160* 251-18-30-161†	251-18-30-260 251-18-30-261	251-18-30-210 251-18-30-211†	251-18-30-220 251-18-30-221†	Phosphor Bronze Beryllium Copper	2.972	3.114		3.660	3.812	18
20	251-20-30-160 251-20-30-161	251-20-30-260 251-20-30-261	251-20-30-210 251-20-30-211	251-20-30-220 251-20-30-221	Phosphor Bronze Beryllium Copper	3.286	3.427	3.719	3.973	4.125	20
22	251-22-30-160* 251-22-30-161†	251-22-30-260 251-22-30-261	251-22-30-210 251-22-30-211†	251-22-30-220 251-22-30-221†	Phosphor Bronze Beryllium Copper	3.596	3.739	4.031	4.285	4.437	22
25	251-25-30-160* 251-25-30-161	251-25-30-260 251-25-30-261	251-25-30-210 251-25-30-211	251-25-30-220 251-25-30-221	Phosphor Bronze Beryllium Copper	4.067	4.208	4.500	4.754	4.906	25

^{*} These items available through Cinch distributors.

 $[\]dagger$ Can be supplied to meet MIL-C-21097C. See page 19.