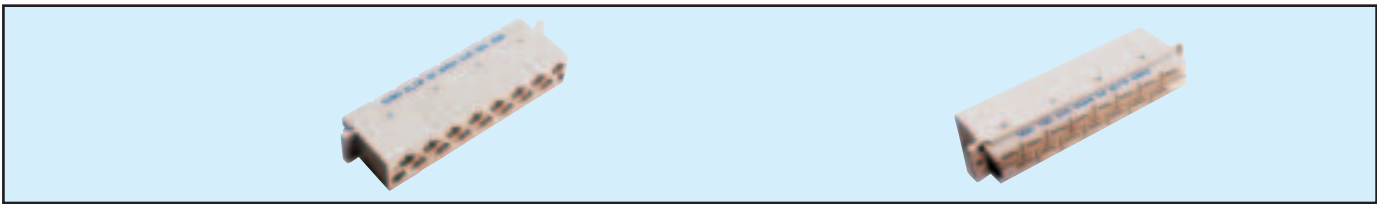


Female Style H 15 Crimp

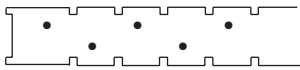


Series 8454 – 2 rows (1 x 7 + 1 x 8)



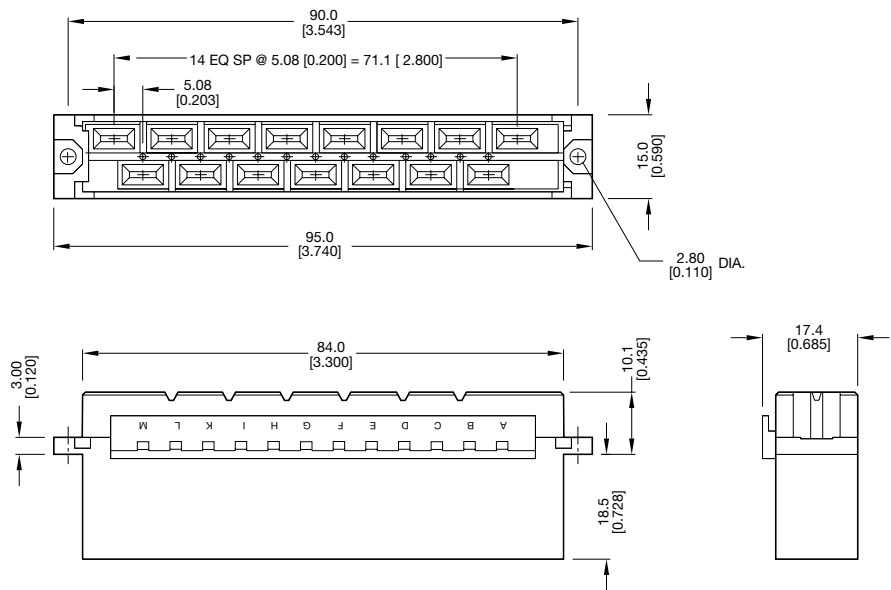
Contact Design and Termination Length	Number of Contacts	Loading Description	Part Number
			Performance classes according to DIN 41612
Crimp	15	empty housing with integrated keying	22 8454 015 001 000
Crimp contacts 1.5mm ² to 2.5 mm ² wire		Performance class I according to DIN 41612 on Reel	60 8454 0213 99 697
		Performance class I according to DIN 41612 loose	60 8454 0213 00 697
Keying Strip for one connector pair			60 2427 3074 12 000
Contact removal Tool			06 8454 8010 00 000
Hand Crimp Tool			consult sales office
Semi Auto Crimp Tool			consult sales office

LOADING DESCRIPTION

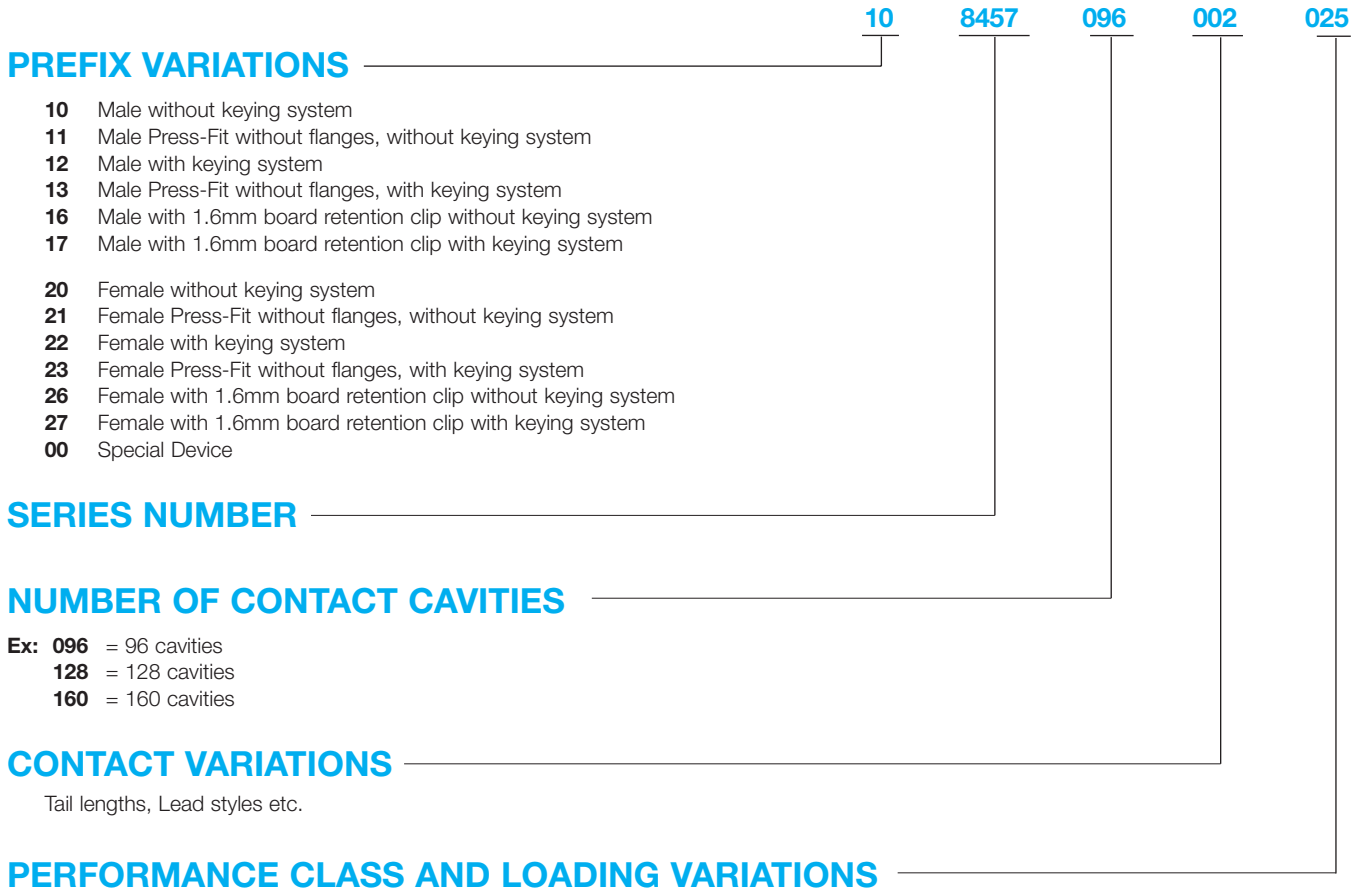


15 contacts, empty housing with integrated keying

DIMENSIONS



Part Numbering Format



Class	M55302 Class I	DIN 41612 Class II	DIN 41612 Class III
Cycle Life	500+ Mating Cycles	400 Mating Cycles	50 Mating Cycles

QUALIFIED MILITARY PART NUMBERS

Military Designation	
M55302/131-01	M55302/134-02
M55302/131-02	M55302/134-04
M55302/132-01	M55302/134-05
M55302/132-02	M55302/134-07
M55302/132-03	M55302/134-08
M55302/132-04	M55302/157-01
M55302/132-05	M55302/157-02
M55302/132-06	M55302/157-03
M55302/133-01	M55302/157-04
M55302/133-02	M55302/158-01
M55302/133-03	M55302/158-02
M55302/134-01	

Technical Specifications



inches (mm)

SERIES 8254/8459 8457/8458 8477/8478 8483/8484	Basic Grid	0.100 (2.54) x 0.100 (2.54) - 0.100 (2.54) x 0.200 (5.08)	
	Insertion Force	3.0 oz./0.83 N average per contact pair (20.23/90N max. for 96 contacts)	
	Withdrawal Force	Average per contact pair (.54 oz./0.15N min. per contact)	
	Contact Positions	2 x 16, 2 x 32, 3 x 10, 3 x 16, 3 x 32, 3 x 50, 4 x 32, 4 x 50, 5 x 32	
	Contact Resistance	20 milliohms max.	
	Current Rating* (see note)	3 amperes @ 20°C max. on connectors up to 96 contacts 1 ampere max. on connectors from 100 to 201 contacts	
	Insulation Resistance	5,000 megohms min. at 500 VDC	
	Dielectric Withstanding	1,000 VAC rms at sea level	
	Operating Temperature	-65°C to +125°C	
	Insulator Material	Thermoplastic polyester (GF), 94 V-O, UL rated	
	Socket Contact Material	Phosphor bronze	
	Pin Contact Material	Copper tin	
	Wrap Post Dimension	0.024 x 0.024 (0.6 mm x 0.6 mm)	
	Push-Out Force of Post in Insulator	3 lbs.	
	Contact Plating	DIN performance classes	
	SERIES 8447	Basic Grid	0.200 (5.08) x 0.200 (5.08)
		Insertion Force	4.0 oz./1.11 N average per contact pair (9.0 lbs./40N max. for 32 contacts)
Withdrawal Force		Average per contact pair (.54 oz./0.15N min. per contact)	
Contact Positions		2 x 16, 3 x 16	
Contact Resistance		15 milliohms max.	
Current Rating* (see note)		5.5 amperes @ 20°C max.	
Insulation Resistance		5,000 megohms min. at 500 VDC	
Dielectric Withstanding		1,550 VAC rms at sea level	
Operating Temperature		-65°C to +125°C	
Insulator Material		Thermoplastic (GI), 94 V-O, UL Rated	
Pin Contact Material		Copper alloy	
Wrap Post Dimension		1.0 mm x 1.0 mm	
Contact Plating		DIN performance classes	
SERIES 8557/8577	Basic Grid	0.100 (2.54) x 0.100 (2.54) - 0.100 (2.54) x 0.200 (5.08)	
	Insertion Force	3.0 oz./0.83 N average per contact pair (20.23/90N max. for 96 contacts)	
	Withdrawal Force	Average per contact pair (.54 oz./0.15N min. per contact)	
	Contact Positions	3 x 16, 3 x 32, 4 x 32, (inverted receptacle)	
	Contact Resistance	20 milliohms max.	
	Current Rating* (see note)	3 amperes @ 20°C max. on connectors up to 96 contacts	
	Insulation Resistance	5,000 megohms min. at 500 VDC	
	Dielectric Withstanding	1,000 VAC rms at sea level	
	Operating Temperature	-65°C to +125°C	
	Insulator Material	Surface mount compatible polymers, 94 V-O, UL Rated	
	Socket Contact Material	Phosphor bronze	
	Pin Contact Material	Copper alloy	
	Wrap Post Dimension	0.024 x 0.024 (0.6 mm x 0.6 mm)	
	Push-Out Force of Post in Insulator	3 lbs.	
	Contact Plating	DIN performance classes	
	Solder Temperature	max. 250°C	

*Current Rating: UL approval allows that DIN connectors up to 96 contacts be rated at 3 amperes. Over 96 pins must be derated to 1.0 ampere maximum VDE, CSA, and other European standards rate all DIN and DIN type connectors at 1 ampere maximum when they are on an 0.100 (2.54) x 0.100 (2.54) grid. (UL file # E27610 Vol. #1 Section #6)

Technical Specifications



inches (mm)

SERIES 8449/8450 8456/8454 8487	Basic Grid	0.200 (5.08) x 0.200 (5.08)
	Insertion Force	4.0 oz./1.11 N average per contact pair (9.0 lbs./40N max. for 32 contacts)
	Withdrawal Force	Average per contact pair (.54 oz./0.15N min. per contact)
	Contact Positions	2 x 5 + 2, 3 x 16, 1 x 11, 1 x 7, 1 x 8
	Contact Resistance	15 milliohms max.
	Current Rating* (see note)	5.5 amperes @ 20°C max. (8456)
	Insulation Resistance	5,000 megohms min. at 500 VDC
	Dielectric Withstanding	1,550 VAC rms at sea level
	Operating Temperature	-65°C to +125°C
	Insulator Material	Polycarbonate (GF)
	Pin Contact Material	Copper alloy
	Wrap Post Dimension	N/A
	Contact Plating	DIN performance classes

*Current Rating: UL approval allows that DIN connectors up to 96 contacts be rated at 3 amperes. Over 96 pins must be derated to 1.0 ampere maximum VDE, CSA, and other European standards rate all DIN and DIN type connectors at 1 ampere maximum when they are on an 0.100 (2.54) x 0.100 (2.54) grid. (UL file # E27610 Vol. #1 Section #6)