

SPACE-GRADE MIL-DTL-38999 TYPE SuperNine® Blind-Mate / ASF Connectors



253-034 Crimp Feed-Thru, Jam-Nut Receptacle to D38999 type Receptacle MIL-STD-1560 power and signal insert arrangements

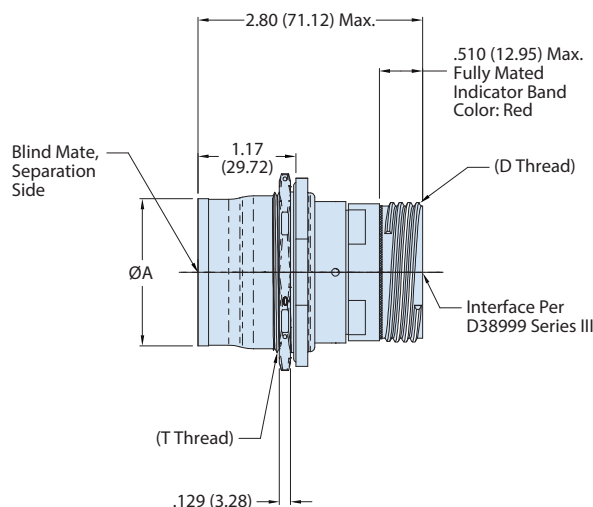
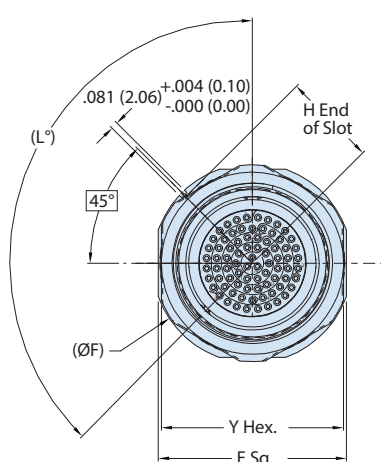


253-034 bulkhead feedthru with misalignment accommodation, float-mount jam-nut to D38999-type receptacle

HOW TO ORDER							
Sample Part No.	253-034	-07	ME	25	-35	PP	N
Basic Part No.	253-034 = jam-nut mount, feed-thru receptacle with rear D38999 Series III receptacle interface.						
Connector Style	-07 = Jam nut mount receptacle						
Material/Finish	MN = Al Alloy, MegaNickel, per D38999 class AA ME = Aluminum, electroless nickel MT = Aluminum, nickel PTFE ZL = CRES, electrodeposited nickel ZI = CRES, passivated						
Shell Size	13, 15, 23, 25						
Insert Arrangement	Per MIL-STD-1560; symmetrical layouts only, See contact arrangements table						
Contact Type	PP = Pin on both sides BSDP = Blind mate side socket - D38999 side pin BPDS = Blind mate side pin - D38999 side socket SS = Socket on both sides						
Alternate Polarization	A = 40°, B = 65°, C = 80°, D = 210°, E = 250°, N = 135° (Normal) Blind mate side Receptacle side per MIL-DTL-38999 (Example: N = receptacle per MIL-DTL-38999 & blind mate side 135°)						

253-034 feed-thru mates with 253-018 feed-thru
Space-grade modification codes may be added directly to the end of any valid part number

DIMENSIONS



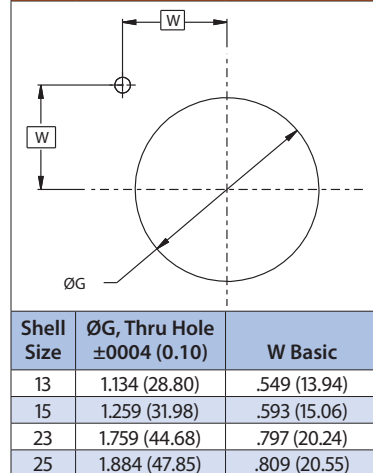
Shell Size	Ø A, Max.	T Thread Class 2a	Y Hex. Flats	E Flange [+/- .016]	Ø F, Flange	H (End Of Slot) [+/- .008]	D Thread 0.1p-0.3l-Ts-2
13	0.978 (24.84)	1.1250-18 UNEF	1.300 (33.02)	1.391 (35.33)	1.641 (41.68)	0.729 (18.52)	0.875 (22.23)
15	1.103 (28.02)	1.2500-18 UNEF	1.457 (37.01)	1.516 (38.51)	1.750 (44.45)	0.791 (20.09)	1.000 (25.40)
23	1.603 (40.72)	1.7500-18 UNS	2.010 (51.05)	2.078 (52.78)	2.312 (58.72)	1.072 (27.23)	1.500 (38.10)
25	1.728 (43.89)	1.8750-16 UNS	2.125 (53.98)	2.200 (55.88)	2.327 (59.11)	1.096 (27.84)	1.625 (41.28)

SPACE-GRADE MIL-DTL-38999 TYPE SuperNine® Blind-Mate / ASF Connectors



253-034 Crimp Feed-Thru, Jam-Nut Receptacle to D38999 type Receptacle
MIL-STD-1560 power and signal insert arrangements

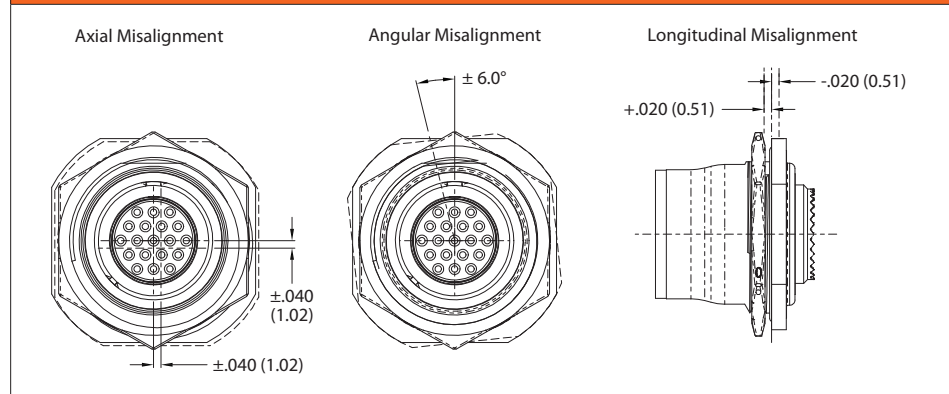
RECOMMENDED PANEL CUT-OUT



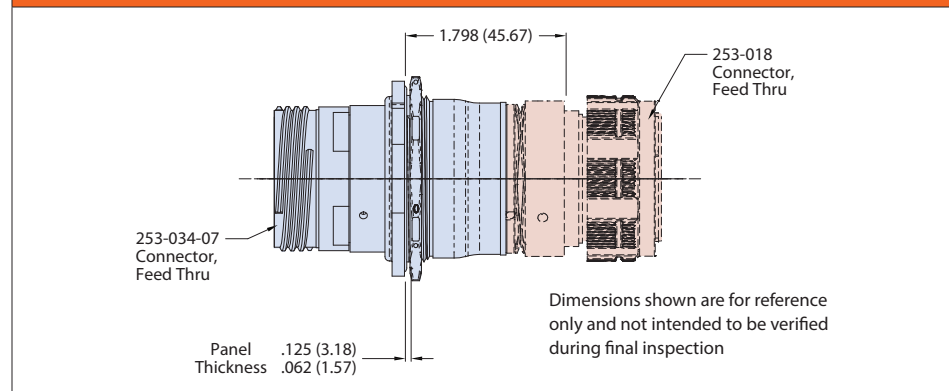
NOTES:

- Material/finish
 - Spring - CRES / passivated
 - Insulators - high-grade rigid dielectric
 - Seals - fluorosilicone blend
 - Contacts - copper alloy / gold plated
- 253-034 mates with Glenair 253-018 connectors with the same insert arrangement / polarization
- Assembly features straight-thru double ended socket contacts or double ended pin contacts. Power to a given contact on one end will result in power to contact directly opposite regardless of identification.
- Green color band indicates master key.
- Stainless steel locating pin (.079 Dia) to be shipped with each connector.

253-034 MISALIGNMENT CAPABILITIES



253-034 - 253-018 DISTANCE BETWEEN MATED FLANGES



CONTACT ARRANGEMENTS: HIGH-DENSITY, STANDARD, AND COMBO																			
HIGH-DENSITY			Contact Type	#20 Contact Qty.	Shell Size - Contact Arr.	Contact Type	#16 Contact Qty.	Shell Size - Contact Arr.	COMBO										
Contact Type	#23 Contact Qty.	Shell Size - Contact Arr.							No. Contacts				Shell Size - Contact Arr.						
Size #23 High-Density 5 Amp Max. Current #22-#26 AWG	32	13-23							#20	#16	#12	#10							
	55	15-23							14	1			15-15						
	151	23-23							8	4			15-97						
	187	25-23							48	8			25-4						
STANDARD									2			9	25-11						
Contact Type	#22D Contact Qty.	Shell Size - Contact Arr.							34	23-34				29	25-29		12	12	25-24
									36	23-36		37	25-37		23	20			25-43
									53	23-53		Contact Type	#12 Contact Qty.	Shell Size - Contact Arr.					
			55	23-55		Size #12 Contacts 23 Amp Max. Current #12-14 AWG	19	25-19											
			61	25-61															