

MIL-T-81714/5, /10, /16 Series I

Terminal Junction Module Mounting Tracks MIL-T-81714/29 Series I Compatible



Operating Range

Temperature:
-65°C to 200°C

Corrosion:
No Exposure of Base Metal After
48 Hours of Salt Spray

Magnetic Permeability:
2.0 MU Max.

Vibration & Shock:
Per MIL-T-81714
Paragraph 3.5.5 and 3.5.8

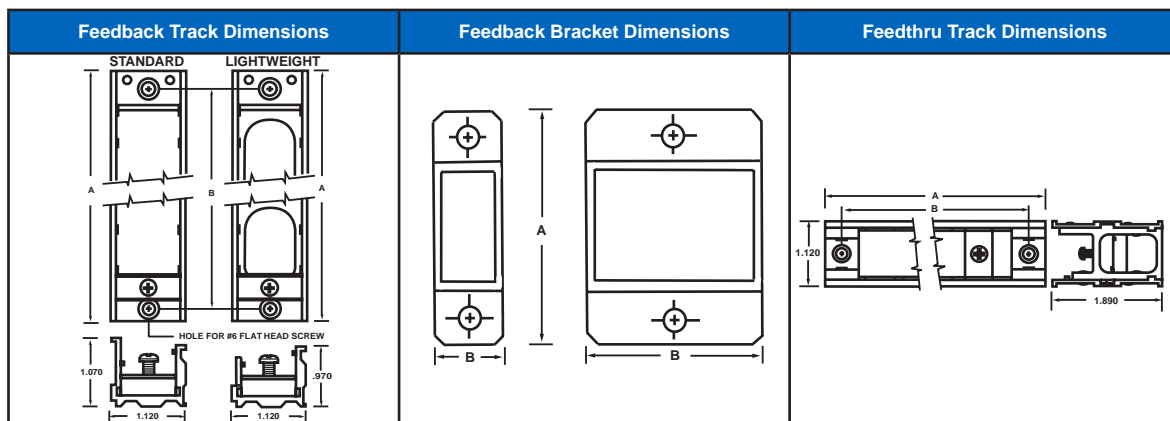
Materials

Rail:
Aluminum Alloy, Black Anodized
Finish per MIL-A-8625

Locking Clamp Screw:
Corrosion Resistant, Passivated,
Self Locking

Product Description

Amphenol Pcd offers feedback and feedthru mounting tracks, as well as a lightweight feedback type with weight reduction cutouts per MIL-T-81714/16 for weight critical applications. One track holds all module sizes - with size 22, 20, and 16 modules requiring one mounting space and size 12 requiring three. Each track unit consists of an aluminum alloy track and MIL-T-81714/16 anodized black locking clamp. The stainless steel clamp screw is self-locking to meet vibration, shock and temperature variation requirements.



Feedback Mounting Tracks						
Standard		Lightweight		Dimensions		
MIL P/N	APCD P/N	MIL P/N	APCD P/N	Mounting Pos.*	A"	B"
M81714/5-1	TJT701010	M81714/16-1	TJT703010	10	5.29	4.79
	TJT701002		TJT703002	2	2.17	1.67
M81714/5-2	TJT701003	M81714/16-2	TJT703003	3	2.56	2.06
M81714/5-3	TJT701004	M81714/16-3	TJT703004	4	2.95	2.45
M81714/5-4	TJT701005	M81714/16-4	TJT703005	5	3.34	2.84
M81714/5-5	TJT701006	M81714/16-5	TJT703006	6	3.73	3.23
M81714/5-6	TJT701007	M81714/16-6	TJT703007	7	4.12	3.62
M81714/5-7	TJT701008	M81714/16-7	TJT703008	8	4.51	4.01
M81714/5-8	TJT701009	M81714/16-8	TJT703009	9	4.90	4.40
M81714/5-9	TJT701011	M81714/16-9	TJT703011	11	5.68	5.18
M81714/5-10	TJT701012	M81714/16-10	TJT703012	12	6.07	5.57
M81714/5-11	TJT701013	M81714/16-11	TJT703013	13	6.46	5.96
M81714/5-12	TJT701014	M81714/16-12	TJT703014	14	6.85	6.35
M81714/5-13	TJT701015	M81714/16-13	TJT703015	15	7.24	6.74
	TJT701016		TJT703016	16	7.63	7.13
	TJT701017		TJT703017	17	8.02	7.52
	TJT701018		TJT703018	18	8.41	7.91
	TJT701019		TJT703019	19	8.80	8.30
	TJT701020		TJT703020	20	9.19	8.69

Feedback Mounting Bracket Compatible Tracks				
Standard		Dimensions		
MIL P/N	APCD P/N	Mounting Pos.*	A"	B"
M81714/29-1	TJT400100	1	1.725	0.531
M81714/29-2	TJT400200	3	1.725	1.321

* Divide by 3 for Size 12 Module Mounting

Feedthru Mounting Tracks				
Standard		Dimensions		
MIL P/N	APCD P/N	Mounting Pos.*	A"	B"
M81714/10-1	TJT702010	10	5.55	5.05
	TJT702002	2	2.43	1.91
M81714/10-2	TJT702003	3	2.82	2.32
M81714/10-3	TJT702004	4	3.21	2.71
M81714/10-4	TJT702005	5	3.60	3.10
M81714/10-5	TJT702006	6	3.90	3.49
M81714/10-6	TJT702007	7	4.38	3.88
M81714/10-7	TJT702008	8	4.77	4.27
M81714/10-8	TJT702009	9	5.16	4.66