



MRB Scientific Ltd. Sockets										
MRB Scientific Ltd. Sockets Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type Thru-Hole Surface Mount		Pin Ø [in]	Figure Number	Page Number				
S+2ECO	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	185	1				
S+2ECOH	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	185	1				
S+4CO	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	185	1				
S+4DT	R530-SP04-01T-XXX-R27-L14	436P55	440P55	.060	189	1				
S+4H2S	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	185	1				
S+4OX	R530-SP02-02N-XXX-R27-L14	436P55	440P55	.060	187	1				
S+7CO	R670-0804-02N-XXX-R27-L14	433E	285E	.040	196A	2				
S+7ETO	R670-0804-02N-XXX-R27-L14	433E	285E	.040	196A	2				
S+7H2S	R670-0804-02N-XXX-R27-L14	433E	285E	.040	196A	2				
S+7NH3	R670-0804-02N-XXX-R27-L14	433E	285E	.040	196A	2				
S+7OX	R670-SP02-02N-XXX-R27-L14	433E	285E	.040	199	2				



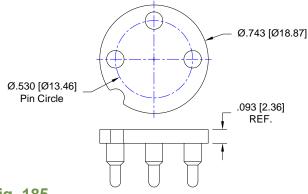
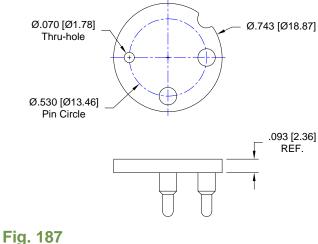


Fig. 185

Thru-Hole: R530-0403-02N-436P55-R27-L14 Surface Mount: R530-0403-02N-440P55-R27-L14



Thru-Hole: R530-SP02-02N-436P55-R27-L14 Surface Mount: R530-SP02-02N-440P55-R27-L14

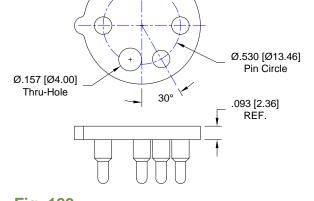


Fig. 189 Thru-Hole: R530-SP04-01T-436P55-R27-L14 Surface Mount: R530-SP04-01T-440P55-R27-L14

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Ø.803 [Ø20.40]

*Sockets are not drawn to scale MRB Scientific Ltd. 06/01/2011

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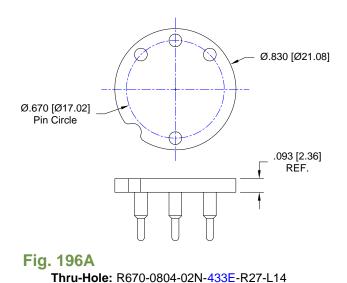






MRB Scientific Ltd. Sockets Continued

Thru-hole



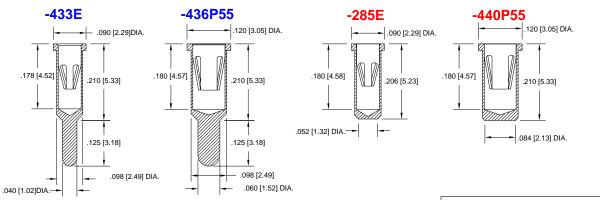
Surface Mount: R670-0804-02N-285E-R27-L14

.670 [17.02] .413 [10.49]

Fig. 199

Thru-Hole: R670-SP02-02N-433E-R27-L14 Surface Mount: R670-SP02-02N-285E-R27-L14

Socket Terminal Details Cross Section View Shown Units: in [mm]



Technical Information

Material:

Insulator: Hi-Temp UL 94V-O Terminal: Brass, per ASTM-B16 Contact: BeCu, Per ASTM-B194 Plating: RoHS COMPLIANT R27 TERMINAL: GOLD / CONTACT: GOLD R17 TERMINAL: TIN / CONTACT: GOLD OTHER PLATINGS AVAILABLE

Terminal Acceptance and Forces											
Thru Hole Terminals				Surface Mount Terminals							
Thru Hole Terminal	Accepts Pin Diameter	Insertion Force	Withdrawal Force	Surface Mount Terminal	Accepts Pin Diameter	Insertion Force	Withdrawal Force				
-433E	Ø.040 [Ø1.02]			-285E	Ø.040 [Ø1.02]						
-436P55	Ø.060 [Ø1.52]	15.5 oz Max	2.1 oz Min	-440P55	Ø.060 [Ø1.52]	15.5 oz Max	2.1 oz Min				

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MOUNTING OPTIONS PCB SURFACE MOUNT PCB PCB THRU-HOLE LOOSE PIN FOR ULTRA LOW PROFILE THRU-HOLE