ANDON
INTERCONNECTION SPECIALISTS

HIGH RELIABILITY OPTOELECTRONIC SOCKETS FOR OCLARO (formerly OPNEXT)

OCLARO

Featuring Andon's Unique Senstac™ Contact

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OCLARO (OPNEXT)

Opnext Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
		Thru-Hole	Surface Mount			
HL63101MG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL63102MG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL6312G	R100-SP03-04N-XXX-R27-L14	75S	384S	.018	2	2
HL6313G	R100-SP03-04N-XXX-R27-L14	75S	384S	.018	2	2
HL63133G	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL6319G	R100-SP03-04N-XXX-R27-L14	75S	384S	.018	2	2
HL6320G	R100-SP03-04N-XXX-R27-L14	75S	384S	.018	2	2
HL6321G	R100-SP03-04N-XXX-R27-L14	75S	384S	.018	2	2
HL6322G	R100-SP03-04N-XXX-R27-L14	75S	384S	.018	2	2
HL6323MG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL6354MG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL6355MG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL6358MG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL6359MG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL6360MG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL6361MG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL6362MG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL6363MG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL6364DG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL6365DG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL6366DG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL6367DG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL6376DG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL6378DG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL6385DG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL6387TG	R056-0403-01N-XXX-R27-L14	400T4	414T4	.012	3	2
HL6388MG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL6395MG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL6396MG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL6397MG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL6398MG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL6501MG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL6544FM	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL6545MG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL6548FG	R100-0404-03N-XXX-R27-L14	75S	265S	.018	4	2
HL6714G	R100-SP03-04N-XXX-R27-L14	75S	384S	.018	2	2
HL6724MG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL6738MG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL6748MG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL6750MG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL7001MG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL7002MG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL7301MG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL7302MG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL8337MG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL8338MG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL8340MG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL8441MG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL8342MG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HL8343MG	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	2
HE7601SG	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	2
HE8404SG	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	2
HE8807SG	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	2
HE8807FL	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	2
HE8811	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	2
HE8812SG	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	2

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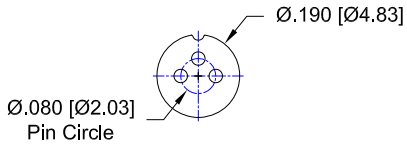
"ANDON PROPRIETARY INFORMATION"

RoHS Compliant

"Sockets not drawn to scale" Oclaro 07/02/2018

Oclaro (Opnext) *Continued*



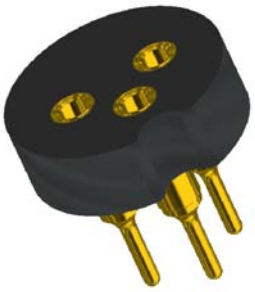


Fig 1

Thru-Hole: R080-0403-01N-274K-R27-L14
Surface Mount: R080-0403-01N-281K-R27-L14

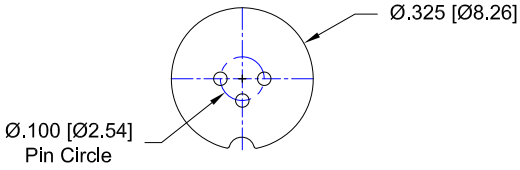


Fig 2

Thru-Hole: R100-SP03-04N-75S-R27-L14
Surface Mount: R100-SP03-04N-384S-R27-L14

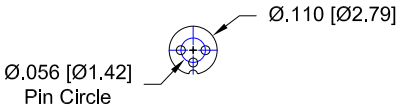


Fig 3

Thru-Hole: R056-0403-01N-400T4-R27-L14
Surface Mount: R056-0403-01N-414T4-R27-L14

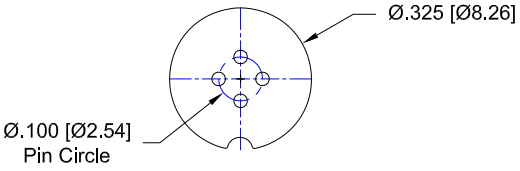


Fig 4

Thru-Hole: R100-0404-03N-75S-R27-L14
Surface Mount: R100-0404-03N-265S-R27-L14

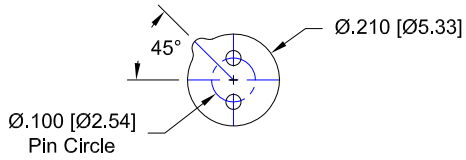


Fig 5

Thru-Hole: R100-0402-06T-75S-R27-L14
Surface Mount: R100-0402-06T-265S-R27-L14

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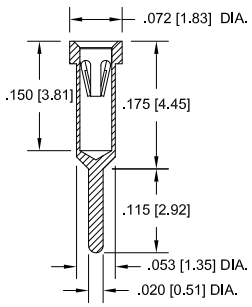
Oclaro (Opnext) *Continued*

Socket Terminal Details

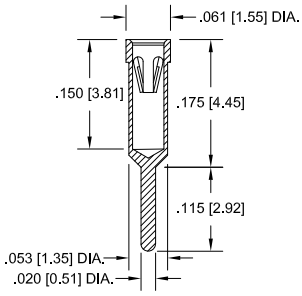
Cross Section View Shown Units: in [mm]

THRU HOLE OPTION

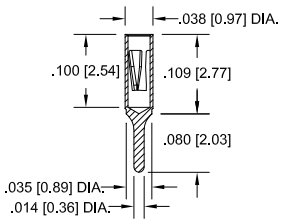
-01S



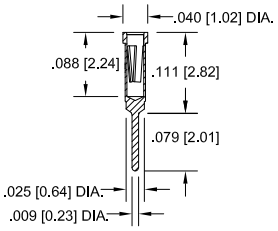
-75S



-274K



-400T4

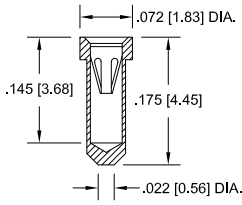


Socket Terminal Details

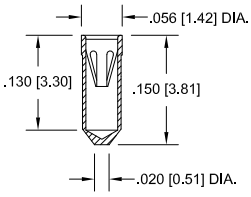
Cross Section View Shown Units: in [mm]

SURFACE MOUNT OPTION

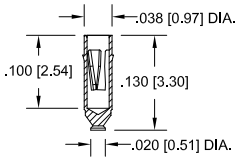
-93S



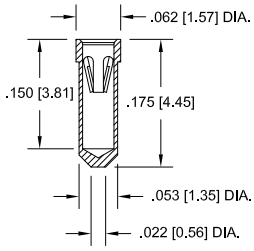
-265S



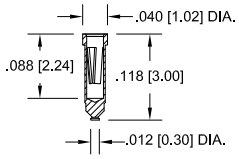
-281K



-384S



-414T4



Technical Information

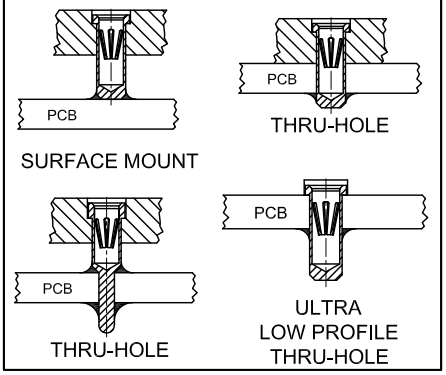
Material:
Insulator: Hi-Temp UL 94V-O
Terminal: Brass, per ASTM-B16
Contact: BeCu, Per ASTM-B194

Plating: RoHS COMPLIANT
R15 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
-400T4	Ø.012 [Ø0.30]	1.1 oz Max	0.3 oz Min	-414T4	Ø.012 [Ø0.30]	1.1 oz Max.	0.3 oz Min
-01S	Ø.018 [Ø0.46]	9.0 oz Avg.	2.0 oz Min	-93S	Ø.018 [Ø0.46]	9.0 oz Avg.	2.0 oz Min
-75S	Ø.018 [Ø0.46]	9.0 oz Avg.	2.0 oz Min	-265S	Ø.018 [Ø0.46]	9.0 oz Avg.	2.0 oz Min
-274K	Ø.018 [Ø0.46]	1.0 oz Max	0.5 oz Min	-281K	Ø.018 [Ø0.46]	1.0 oz Max	0.5 oz Min
				-384S	Ø.018 [Ø0.46]	9.0 oz Avg.	2.0 oz Min

MOUNTING OPTIONS



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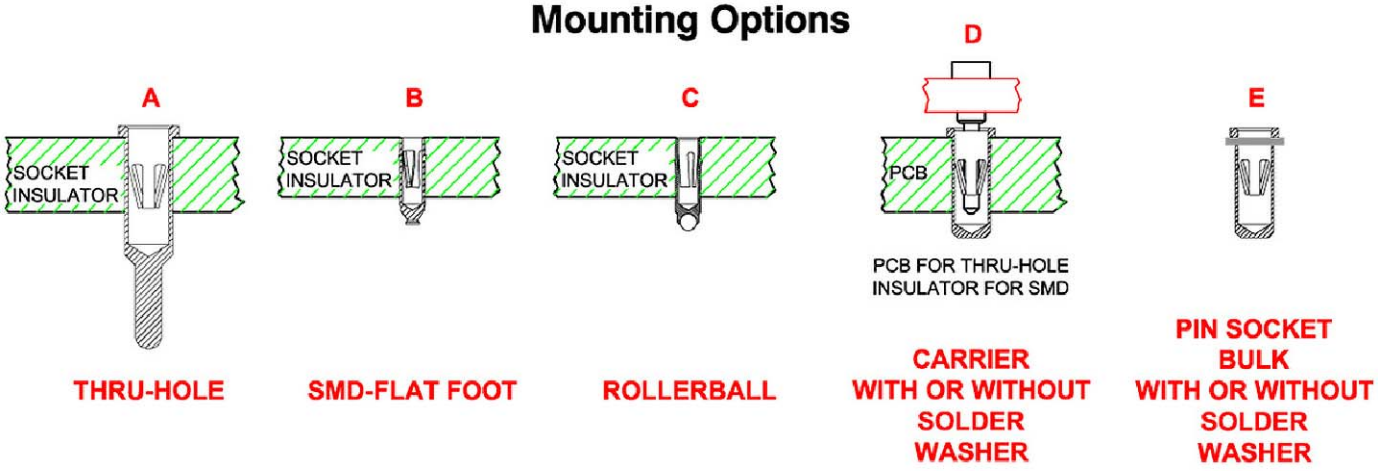
Mounting Options

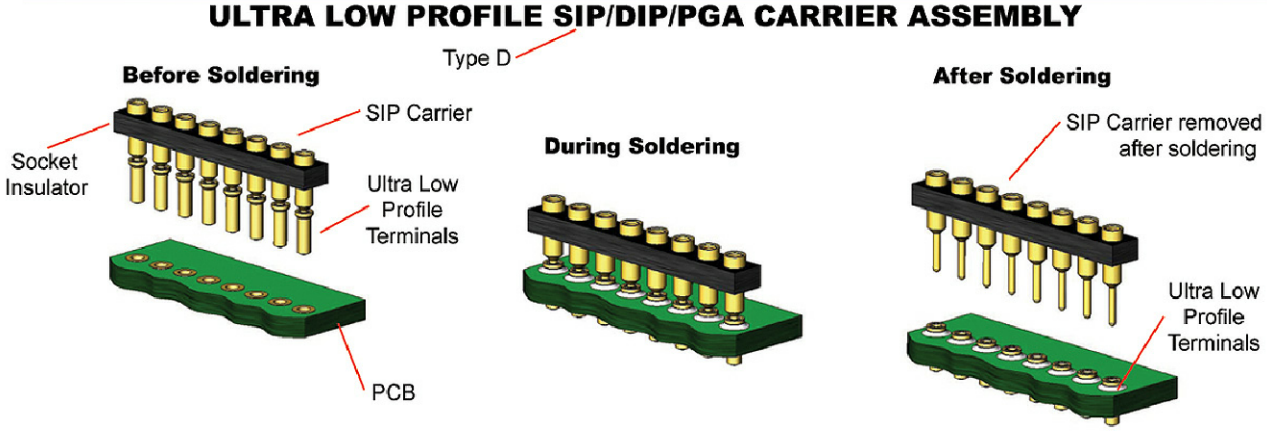


THRU-HOLE | SMD-FLAT FOOT | ROLLERBALL | CARRIER WITH OR WITHOUT SOLDER WASHER | PIN SOCKET BULK WITH OR WITHOUT SOLDER WASHER

BEFORE SOLDERING | AFTER SOLDERING

U.S. PATENT # 6,352,437
CANADIAN PATENT # 2,388,520

ULTRA LOW PROFILE SIP/DIP/PGA CARRIER ASSEMBLY



Available with or without solder washer

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