

KOBELCO

CERTIFICATE OF INSPECTION



Cert. No.	C-20240110-0078-01				
Cert. Date	2024/01/10				
Customer	SUMITOMO ELECTRIC WIRING SYSTEMS, INC.				
Ship to					
Orderer	SHINSHO CORPORATION MAGOYA GROUP (CU)				
Commodity	TRCA60 STRIP (Reflow Tin Plated CAC60)				
Mfg No.	246520	Spec. No.	5-4255G	Alloy	TRCA60
		Size	0.3 X 54.4	Temper	H
			XC01L		

Inspection Lot No. 31119		Charge No.		C6716	Page No.		1/1	
Inspection Item		Unit	Specification		Result			
			min.	max.				
Chemical Composition								
Ni		%	1.00	3.00	1.81			
Si		%	0.20	0.60	0.40			
Zn		%	-	1.50	1.10			
Sn		%	-	0.30	0.10			
Cu		%	RE	-	RE			
Mechanical Properties								
TENSILE STRENGTH		N/mm ²	630	680	651	646		
ELONGATION		%	10.0	-	13.7	14.0		
HARDNESS (HV)			180	220	200	199		
SPRING LIMIT (T)		N/mm ²	350	-	589			
BENDING (L) (No crack (180° -0.6T))					PASS	PASS		
BENDING (T) (No crack (180° -0.6T))					PASS	PASS		
ELECT. CONDUCT		%IACS	40.0	-	46.0			
TIN (MICRO) A B		μm	0.8	1.5	1.0	1.0	1.1	1.0
PEELING TEST (No. peeling)					PASS	PASS		
Other Inspection								
MEASUREMENT TEST					PASS			
SURFACE TEST					PASS			
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Remarks

We hereby certify that these materials described herein have been manufactured in accordance with the standards / specifications specified by your requirements.

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M. Nanto